Toshiba S300 EZ1514 - Satellite Pro - Core 2 Duo 2.1 GHz User Manual

Toshiba user's guide for satellite s300/s300m (windows vista)

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18

19
20
21
22
23
24
25
26
27
Table Of Contents
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67

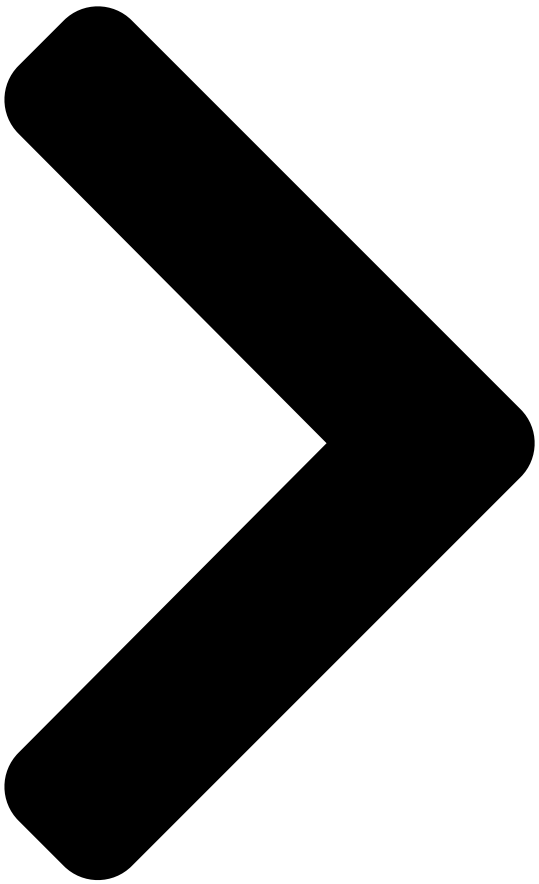
-

Table of Contents

Bookmarks

Quick Links

Download this manual



Satellite Pro

Series User's Guide

If you need assistance:

Toshiba's Support Web site

pcsupport.toshiba.com

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 173
in this guide.

TOSHIBA
Leading Innovation

S300/S300M

"If Something Goes Wrong" on
GMAD00182011
06/08

Table of Contents

Next Page

1
2
3
4
5

Related Manuals for Toshiba S300 EZ1514 - Satellite Pro - Core 2 Duo 2.1 GHz

Laptop Toshiba Satellite Pro S300 Maintenance Manual

(464 pages)

Laptop Toshiba S300-EZ1511 User Manual

S300-ez1511 user's guide (251 pages)

Laptop Toshiba TECRA A10 Series User Manual

(246 pages)

Laptop Toshiba PTMB3U-00X00X User Manual

User manual (242 pages)

Laptop Toshiba TECRA A10 Satellite Pro S300 Series User Manual

(242 pages)

Laptop Toshiba TECRA A10/S10/M10/SATELLITEPRO S300 TECRA S10 User Manual

Vizio mouse user manual (240 pages)

Laptop Toshiba SATELLITEPRO S300 User Manual

Toshiba laptop user manual (56 pages)

Laptop Toshiba Satellite Pro S300-EZ1511 Specifications

Toshiba satellite pro s300-ez1511: specifications (5 pages)

Laptop Toshiba Satellite Pro S300-S2503 Specifications

Toshiba satellite pro s300-s2503: specifications (5 pages)

Laptop Toshiba Satellite Pro S300-EZ1512 Specifications

Toshiba satellite pro s300-ez1512: specifications (5 pages)

Laptop Toshiba Satellite Pro S300-EZ1513 Specifications

Toshiba satellite pro s300-ez1513: specifications (5 pages)

Laptop Toshiba Satellite Pro S300-EZ1514 Specifications

Toshiba satellite pro s300-ez1514: specifications (5 pages)

Laptop Toshiba Satellite Pro S300-EZ2501 Specifications

Toshiba satellite pro s300-ez2501: specifications (5 pages)

Laptop Toshiba Satellite Pro S300-EZ2502 Specifications

Toshiba satellite pro s300-ez2502: specifications (5 pages)

Laptop Toshiba Satellite Pro S300-EZ2521 Specifications

Toshiba satellite pro s300-ez2521: specifications (5 pages)

Laptop Toshiba S300L User Manual

Notebook pc toshiba (202 pages)

Summary of Contents for Toshiba S300 EZ1514 - Satellite Pro - Core 2 Duo 2.1 GHz

Page 1 ® Satellite Pro S300/S300M Series User’s Guide If you need assistance: Toshiba’s Support Web site pcsupport.toshiba.com 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 “If Something Goes Wrong” on page 173 in this guide.

Page 2 TOSHIBA AMERICA INFORMATION SYSTEMS, INC. (“TOSHIBA”), ITS AFFILIATES AND SUPPLIERS DO NOT WARRANT THAT OPERATION OF THE PRODUCT WILL BE UNINTERRUPTED OR ERROR FREE. YOU AGREE THAT TOSHIBA,...

Page 3 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 between the external devices and the computer's ports.

Page 4: Industry Canada Requirement

This device must accept any interference received, including interference that may cause undesired operation. Contact either: Toshiba’s Support Web site at pcsupport.toshiba.com. Or call the Toshiba Global Support Centre: Within the United States at (800) 457-7777 Outside the United States at (949) 859-4273 Industry Canada Requirement This Class B digital apparatus complies with Canadian ICES-003.

Page 5: Telephone Company Procedures

Toshiba Corporation, Toshiba America Information Systems, Inc. or an authorized representative of Toshiba, or the Toshiba Support Centre within the United States at (800) 457-7777 or Outside the United States at (949) 859-4273. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

Page 6 Alarm Equipment If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer. Instructions for IC CS-03 Certified Equipment NOTICE: The Industry Canada label identifies certified equipment.

Page 7: Wireless Interoperability

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: The IEEE 802.11 Standard on Wireless LANs (Revision A/B/G), as defined and approved by the Institute of Electrical and Electronics Engineers.

Page 8: Regulatory Information

The radiated output power of the TOSHIBA Wireless LAN Mini PCI Card is far below the FCC radio frequency exposure limits. Nevertheless, the TOSHIBA Wireless LAN Mini PCI Card shall be used in such a manner that the potential for human contact during normal operation is minimized. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Page 9 NOTE The above Caution information applies to products that operate with an 802.11a device. EU Declaration of Conformity TOSHIBA declares that this product conforms to the following Standards: Supplementary *The product complies with the Information: requirements of the Low Voltage Directive 73/23/EEC, the EMC Directive 89/336/EEC and/or the R&TTE Directive...

Page 10 This Directive applies to EU member countries only and does not apply to end users in other countries such as the United States. Although the initial emphasis is in Europe, Toshiba is already working with design engineers, suppliers, and other partners to determine appropriate worldwide product life cycle planning and end-of-life strategies for our products.

Page 11 2. If this equipment causes RF interference to other radio stations, promptly change the frequency being used, change the location of use, or turn off the source of emissions. 3. Contact TOSHIBA Direct PC if you have problems with interference caused by this product to Other Radio Stations.

Page 12: Device Authorization

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: 0120-15-1048 Direct Dial: 03-3457-4850...

Page 13: Radio Approvals For Wireless Devices

Radio Approvals for Wireless Devices NOTE The following information is dependent on what type of wireless device is in your computer. Not all devices are available on all models. Approved Countries/Regions for use for the Atheros AR5BXB72 2.4 + 5GHz 11n minicard This equipment is approved to the radio standard by the countries/regions in the following table.

Page 14 Europe - Restrictions for use of 2.4 GHz Frequencies in European Community Countries België/ For private usage outside buildings across public grounds over less than Belgique: 300m no special registration with IBPT/BIPT is required. Registration to IBPT/BIPT is required for private usage outside buildings across public grounds over more than 300m.

Page 15 Europe - Restrictions for Use of 5 GHz Frequencies in European Community Countries European Community 5150-5250 MHz 5250-5350 MHz 5470-5725 MHz Countries Channels: 36, 40, 44, Channels: 52, 56, 60, Channels: 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140 Indoor Only Indoor Only Indoor/Outdoor...

Page 16 Approved Countries/Regions for use for the Atheros AR5BXB63 11g minicard 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. NOTE This device works on passive scan only. A peer-to-peer mode is not available in 802.11a and Turbo Mode.

Page 17 ® Approved Countries/Regions for the Realtek RTL8187B 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. Albania Argentina Australia Austria Azerbaijan Bahrain Bangladesh Belgium...

Page 18 Approved Countries/Regions for use for the ® Intel PRO/Wireless 3945ABG Network Connection 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. NOTE An adhoc mode is available in Ch1-Ch11(802.11b/g), An Infrastructure mode is available in Ch1-Ch11 (802.11b/g)

Page 19 11a, 11b, 11g and 11n wireless are based on IEEE 802.11a, 802.11b, 802.11g and 802.11n respectively. The IEEE 802.11n specification has not been finalized and is currently in draft release. The TOSHIBA 11a/b/g/n Wireless LAN Adapters are based on the Draft Release, Version 1.0, of the IEEE 802.11n specification.

Page 20: 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 computer product support on Web site http://www.toshiba-europe.com/computers/tnt/bluetooth.htm in Europe or pcsupport.toshiba.com in the United States for...

Page 21: Bluetooth Wireless Technology And Your Health

Approved Countries/Regions for use (Bluetooth wireless technology) ® Bluetooth Card from Toshiba 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. Argentina...

Page 22: Regulatory Statements

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 23 2. If this equipment causes RF interference to other radio stations, promptly change the frequency being used, change the location of use, or turn off the source of emissions. 3. Contact TOSHIBA Direct PC if you have problems with interference caused by this product to Other Radio Stations.

Page 24 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: 0120-15-1048 Direct Dial: 03-3457-4850...

Page 25 (Sample shown below. Location of the label and manufacturing information may vary.) Copyright This guide is copyrighted by Toshiba America Information Systems, Inc. with all rights reserved. Under the copyright laws, this guide cannot be reproduced in any form without the prior written permission of Toshiba. No patent liability is assumed, however, with respect to the use of the information contained herein.

Page 26 EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE WITH REGARD TO ANY OF THE FOREGOING. TOSHIBA ASSUMES NO LIABILITY FOR ANY DAMAGES INCURRED DIRECTLY OR INDIRECTLY FROM ANY TECHNICAL OR TYPOGRAPHICAL ERRORS OR OMISSIONS CONTAINED HEREIN OR FOR DISCREPANCIES BETWEEN THE PRODUCT AND THE MANUAL.

Page 27 Card is a trademark of Fuji Photo Film, Co., Ltd. Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Toshiba is under license. Other trademarks and trade names are those of their respective owners.

Page 28: Table Of Contents

Keeping yourself comfortable .....42 Precautions.....42 Important information on your computer's cooling fan .....44 Setting up your computer .....44 Setting up your software.....45 Registering your computer with Toshiba ....46 Adding optional external devices.....46 Connecting to a power source .....47 Charging the main battery.....49...

Page 29 Contents Using the computer for the first time .....50 Opening the display panel .....50 Your computer's features and specifications ..51 Turning on the power .....51 Adding memory (optional) .....52 Installing a memory module .....53 Removing a memory module.....58 Checking total memory .....60 Hard Drive Recovery Utilities .....61 Creating Recovery DVDs.....62 Hard Disk Drive Recovery options ....63...

Page 30 Inserting an optical disc .....101 Playing an audio CD.....103 Playing optical media .....103 Recording optical media .....103 Removing a disc with the computer on...104 Removing a disc with the computer off ..104 Caring for optical discs .....105 Toshiba's online resources .....105...

Page 31 Contents Chapter 3: Mobile Computing.....106 Toshiba's energy-saver design.....106 Running the computer on battery power ....107 Battery Notice .....107 Power management .....108 Using additional batteries .....109 Charging batteries.....109 Charging the main battery.....109 Charging the RTC battery.....110 Monitoring main battery power.....111 Determining remaining battery power.....112 What to do when the main battery runs low ...113...

Page 32 Setting passwords .....147 Using an instant password.....147 Using a supervisor password.....148 Using a user password .....149 Deleting a user password.....150 TOSHIBA Security Assist .....151 TOSHIBA PC Diagnostic Tool Utility.....153 TOSHIBA HDD Protection Utility .....154 TOSHIBA SD™ Memory Card Format Utility ..155...

Page 33 Contents TOSHIBA SD™ Memory Boot Utility.....156 Booting from a bootable SD card....157 Mouse Utility .....158 TOSHIBA Hardware Setup.....159 TOSHIBA Zooming Utility.....161 TOSHIBA Button Support.....162 CD/DVD Drive Acoustic Silencer .....163 TOSHIBA Accessibility .....164 Trusted Platform Module (TPM) .....165 Fingerprint Authentication Utility.....166 Fingerprint utility limitations .....166...

Page 34 Data and system configuration backup in the ® Windows operating system.....197 If you need further assistance.....201 Before you contact Toshiba .....201 Contacting Toshiba .....202 Other Toshiba Internet Web sites.....203 Toshiba's worldwide offices.....203 Appendix A: Hot Keys/TOSHIBA Cards.....205 Hot Key Cards .....205 Using the Hot Key Cards .....206...

Page 35 Contents Appendix B: Power Cord/Cable Connectors.....221 Glossary.....222 Index.....236...

Page 36: Introduction

You can wake the computer from Sleep mode by pressing the power button. See the “Mobile Computing” section of the Toshiba User’s Guide for more information on using power management settings to...

Page 37

(RoHS), which restricts use of lead, cadmium, mercury, hexavalent chromium, PBB, and PBDE. Toshiba requires its computer component suppliers to meet RoHS requirements and verifies its suppliers’ commitment to meeting RoHS requirements by conducting component sampling inspections during the product design approval process.

Page 38: This Guide

Toshiba’s Web site at pcsupport.toshiba.com. While Toshiba has made every effort at the time of publication to ensure the accuracy of the information provided herein, product specifications, configurations, prices, system/component/options availability are all subject to change without notice.

Page 39: Safety Icons

Introduction Safety icons Safety icons This manual contains safety instructions that must be observed to avoid potential hazards that could result in personal injuries, damage to your equipment, or loss of data. These safety cautions have been classified according to the seriousness of the risk, and icons highlight these instructions as follows: Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

Page 40: Other Documentation

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. If you have a problem or need to contact Toshiba, see “If Something Goes Wrong” on page...

Page 41: Chapter 1: Getting Started

Chapter 1 Getting Started This chapter provides tips for using your computer effectively, summarizes how to connect components, and explains what to do the first time you use your computer. The “Instruction Manual for Safety and Comfort,” that is shipped with your computer, contains important safety information.

Page 42: Keeping Yourself Comfortable

Extreme heat, cold, or humidity. Liquids and corrosive chemicals. Keeping yourself comfortable The Toshiba Instruction Manual for Safety and Comfort, included with your computer, contains helpful information for setting up your work environment and tips for working comfortably throughout the day.

Page 43

Getting Started Selecting a place to work Avoid prolonged physical contact with the underside or surface of the computer. Computer base and palm rest can become hot! Avoid prolonged contact to prevent heat injury to skin. Read the “Avoid extended contact between computer base/palm rest and skin”...

Page 44: Important Information On Your Computer's Cooling Fan

Getting Started Setting up your computer Important information on your computer’s cooling fan Your computer may have a CPU cooling fan that cools the CPU by drawing outside air into the computer. Always make sure your computer and AC adaptor have adequate ventilation and are protected from overheating when the power is turned on or when an AC adaptor is connected to a power outlet (even if your computer is in Sleep mode).

Page 45: Setting Up Your Software

Getting Started Setting up your computer NOTE Please handle your computer carefully to avoid scratching or damaging the surface. Setting up your software When you turn on the computer for the first time, do not turn off the power again until the operating system has loaded completely. NOTE The names of windows displayed, and the order in which windows appear, may vary according to your software setup choices.

Page 46: Registering Your Computer With Toshiba

Product registration can be completed by either double-clicking the Toshiba Registration icon on your desktop or by visiting the Toshiba Web site at www.register.toshiba.com. Failure to complete Product Registration will not diminish Customer rights under the Toshiba standard limited Warranty.

Page 47: Connecting To A Power Source

TOSHIBA Battery Charger (that may have been provided with your computer), or use AC adaptors and battery chargers specified by TOSHIBA to avoid any risk of fire or other damage to the computer. Use of an incompatible AC adaptor or Battery Charger could cause fire or damage to the computer possibly resulting in serious injury.

Page 48 Getting Started Connecting to a power source To connect AC power to the computer: Connect the power cord/cable to the AC adaptor. (Sample Illustration) Connecting the power cord/cable to the AC adaptor 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 49: Charging The Main Battery

Getting Started Charging the main battery The computer's main battery light gives you an indication of the main battery's current charge: Glows amber while the main battery is being charged (AC adaptor connected) Glows green when the main battery is fully charged Is unlit when the main battery has discharged, the battery is not charging, or the AC adaptor is not plugged into the computer or AC outlet...

Page 50: Using The Computer For The First Time

Getting Started Using the computer for the first time NOTE Battery life and charge time may vary depending on the applications, power management settings, and features used. Using the computer for the first time The computer is now ready for you to turn it on and begin using it. Opening the display panel Facing the front of the computer, locate the center of the display panel.

Page 51: Your Computer's Features And Specifications

Getting Started Using the computer for the first time Small bright dots may appear on your screen display when you turn on your computer. Your display contains an extremely large number of thin-film transistors (TFT) and is manufactured using high- precision technology.

Page 52: Adding Memory (Optional)

You may want to increase the computer's memory if you use complex software or process large amounts of data. NOTE Before adding external devices or memory, Toshiba recommends setting up your software. See "Setting up your software" on page...

Page 53: Installing A Memory Module

Getting Started Adding memory (optional) Installing a memory module Memory modules can be installed in the memory module slots on the base of the computer. You will need a small Phillips screwdriver for this procedure. If the computer has been running recently, the memory module may be hot.

Page 54 Getting Started Adding memory (optional) If the computer is on, begin at step 1; otherwise, skip to step 3. Click Start, and then click the arrow next to the lock button in the lower-right corner of the Start menu. The Shut Down menu appears. Arrow Start Shut Down Menu...

Page 55 Getting Started Adding memory (optional) Using a small Phillips screwdriver, loosen the captive screw that secures the memory module slot cover. Back of computer (Sample Illustration) Removing the memory module slot cover Remove the memory module slot cover. Place the screw and the cover in a safe place so that you can retrieve them later.

Page 56 Getting Started Adding memory (optional) NOTE If your system has the memory modules stacked on top of one another, you must remove the top module first before removing/installing the bottom module. NOTE For this model Slot A is the bottom slot. Slot B is the top slot. If only one memory module is to be installed, it must be installed in Slot A.

Page 57 Getting Started Adding memory (optional) Once the module's connector is fully inserted into the socket, press downward on the top edge of the module to seat the module into the latches at the sides of the socket. These latches should "snap" into place securely with the corresponding cutouts in the side of the module.

Page 58: Removing A Memory Module

Getting Started Adding memory (optional) Replace the memory module slot cover and secure it using the screw. Re-insert the main battery. For more information on inserting the main battery, see "Inserting a charged battery" on page 119. Turn the computer right side up. Reconnect the cables.

Page 59 Getting Started Adding memory (optional) NOTE The following screen may appear when you turn on the power: ® If "Start Windows Normally" is highlighted, then press Enter If one of the Safe Mode options is highlighted, it is best to press to go into Safe Mode, then shut down and restart the system, at Enter ®...

Page 60: Checking Total Memory

Getting Started Adding memory (optional) Gently lift the memory module to a 30-degree angle and slide it out of the slot. Back of computer Slot B Slot A (Sample Illustration) Removing the memory module Replace the memory module slot cover and secure it using the screw.

Page 61: Hard Drive Recovery Utilities

Getting Started Hard Drive Recovery Utilities If the computer does not recognize the memory configuration, turn off the computer and remove the memory module slot cover (complete steps "Installing a memory module" on page 53), and then check that the module is inserted completely into the socket and lined up squarely with the socket latches.

Page 62: Creating Recovery Dvds

DVDs to copy the hard drive recovery. If your optical disc drive is not writable, contact Toshiba Customer Support to obtain the Recovery media for your system. The Toshiba Global Support Centre in the United States is (800) 457-7777, outside the United States it is (949) 859-4273. To create recovery DVDs: Double-click the Recovery Disc Creator icon on the ®...

Page 63: Hard Disk Drive Recovery Options

Getting Started Hard Drive Recovery Utilities Hard Disk Drive Recovery options The following are the available hard disk drive recovery options: Recovering the original factory image (recommended recovery method) Hard Disk Drive Recovery using the recovery partition Erasing the hard disk Recovering the C: partition of the HDD without changing the current partition size Recovering the C: partition with a user specified size...

Page 64 If not skip to step (Sample Image) Product Recovery Menu screen When the Toshiba Recovery Wizard screen displays, select one of the options and then click Next. The options are: Recovery of Factory Default Software...

Page 65 Be sure to save your work to external media first. On the Toshiba Recovery Wizard screen, select Recovery of Factory Default Software, and then click Next. The Recovery of Factory Default Software screen appears.

Page 66 The Recovery Wizard allows you to delete all data and partitions from the hard disk. To delete the data and partitions from your hard disk: On the Toshiba Recovery Wizard screen, select Erase the hard disk, and then click Next. The next screen lists the two methods you can choose: Delete all data and partitions from the hard disk—This...

Page 67 To recover only your C: drive: On the Toshiba Recovery Wizard Screen, select Recovery of Factory Default Software, and then click Next. Select Recover without changing the hard drive partitions.

Page 68: Hard Disk Drive Recovery Using The Recovery Media

Using the arrow keys, select the DVD option and press Enter The Selecting a Process Screen will appear. Select one of the options and then click Next. The options are: Toshiba Recovery wizard System Recovery Options (Sample Image) Selecting a Process screen...

Page 69 Getting Started Hard Drive Recovery Utilities ® If your system offers a choice of Windows Vista 32-bit or 64- bit operating system, select one at this time. If not skip to step (Sample Image) Product Recovery Menu screen A warning screen will appear stating that when the recovery is executed all data will be deleted and rewritten.

Page 70: Checking The Hdd Operating Status

Highlight the hard disk drive in the Volume list to display its status in the lower portion of the screen. Installing drivers and applications The Toshiba Application Installer allows you to reinstall the drivers and applications that were originally bundled with your computer. To reinstall drivers and applications: Double-click the Toshiba Application Installer icon on the ®...

Page 71: Using The Touchpad

Getting Started Using the TouchPad™ Click the item(s) you want to install. Click Install. Follow the on-screen prompts to complete the installation process. ™ Using the TouchPad ™ The TouchPad , the small, rectangular area located in front of the keyboard, is sensitive to touch and enables you to move the cursor with the stroke of a finger.

Page 72: Control Buttons

Getting Started Using external display devices Control buttons When a step instructs you to click or choose an item, move the cursor to the item, then press and release the primary (left-hand) button. To double-click, press the primary button twice in rapid succession.

Page 73: Directing The Display Output When You Turn On The Computer

Getting Started Using external display devices Directing the display output when you turn on the computer Once you have connected an external display device, you can choose to use the internal display only, the external device only, or both simultaneously. NOTE Some modes are only available with the appropriate device attached and turned on.

Page 74: Adjusting The Quality Of The External Display

Getting Started Using an external keyboard Adjusting the quality of the external display To obtain the best picture quality from your television (or other video display device), you may need to adjust the video settings. See the video device documentation for additional configuration steps.

Page 75: Setting Up A Printer

Getting Started Connecting a printer If your printer does not support Plug and Play, you can set up the printer as described in “Setting up a printer” on page To connect a printer to your computer: Connect the printer cable to the printer and then connect the other end to one of the computer’s USB ports.

Page 76: Connecting An Optional External Diskette Drive

Getting Started Connecting an optional external diskette drive Connecting an optional external diskette drive Some operations, such as creating a password service diskette, require a diskette drive designed for use with 3.5-inch diskettes. (Sample Illustration) Optional external USB diskette drive To connect an optional external USB diskette drive, connect the cable to one of the computer’s USB ports.

Page 77: Options For Turning Off The Computer

Getting Started Turning off the computer Options for turning off the computer Depending on the operating system installed, you have more than one option available for turning off the computer: Shut Down, Hibernate, and Sleep. Each option has its advantages. Use the Shut Down or Hibernate command if you will not be using the computer for several days or if you must turn off your computer.

Page 78 Getting Started Turning off the computer For information on how to use and configure Hibernation mode see “Using and configuring Hibernation mode” on page Sleep mode The Sleep command places the computer into a power-saving mode. Sleep saves the current state of the computer to memory so that, when you restart the computer, you can continue working from where you left off.

Page 79: Using The Shut Down Command

Getting Started Turning off the computer Using the Shut Down command The Shut down command completely shuts down the computer without saving your work or the current state of the computer. This command closes all open programs, shuts down the operating system, and then turns off your computer.

Page 80 Getting Started Turning off the computer Click Change advanced power settings. The Advanced settings tab of the Power Options window appears. (Sample Image) Advanced settings tab of Power Options screen Click Power buttons and lid to display the actions that you can configure.

Page 81: Using And Configuring Hibernation Mode

Getting Started Turning off the computer Click Apply. Click OK. Once the computer is configured, you can turn it off by either pressing the power button or closing the display panel, depending on the options set. Restarting your computer To start the computer up again, press the power button until the on/off light glows green.

Page 82 Getting Started Turning off the computer To use any of these methods, you first need to enable them using the Power Options feature. Click Start, Control Panel, System and Maintenance, and then Power Options. The Power Options window appears. Click Change plan settings under the power plan to be customized.

Page 83: Using And Configuring Sleep Mode

Getting Started Turning off the computer Power button action Set this option to Hibernate if you want the computer to go into Hibernation mode when you press the power button. Start menu power button Set this option to Hibernate if you want the computer to go into Hibernation mode when you click the power button in the Start menu.

Page 84 Getting Started Turning off the computer Click Sleep. The computer saves the status of all open programs and files to the memory, turns off the display, and enters into a low-power mode. The on/off light blinks amber indicating the computer is in Sleep mode.

Page 85 Getting Started Turning off the computer To disable the computer from automatically entering Sleep mode, select Never. Click Change advanced power settings. The Advanced settings tab of the Power Options window appears. (Sample Image) Advanced settings tab of Power Options screen Click Power buttons and lid to display the actions that you can configure.

Page 86: Closing The Display Panel

Getting Started Customizing your computer’s settings Click Apply. Click OK. Once the computer is configured, you can place it into Sleep mode by either pressing the power button or closing the display panel, depending on the Sleep options set. Starting again from Sleep mode To start up the computer from Sleep mode, press the power button until the on/off light glows green.

Page 87: Cleaning The Computer

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 computer lock cable. For more information on purchasing a cable lock, visit accessories.toshiba.com. (Sample Illustration) Computer lock cable To secure the computer: Wrap the cable through or around some part of a heavy object.

Page 88 Getting Started Caring for your computer Pass the locking end through the loop. Insert the cable’s locking end into the security lock slot on your computer, then engage the locking device. The computer is now securely locked. (Sample Illustration) Attaching security lock cable...

Page 89: Chapter 2: Learning The Basics

Chapter 2 Learning the Basics This chapter gives some computing tips and provides important information about basic features. Computing tips Save your work frequently. Your work stays in the computer’s temporary memory until you save it to the internal storage drive. If the network you are using goes down and you must restart your computer to reconnect, or your battery runs out of charge while you are working, you will lose all work since you last saved.

Page 90

Learning the Basics Computing tips Back up your files to disks (or other removable media) on a regular basis. Label the backup copies clearly and store them in a safe place. It is easy to put off backing up because it takes time. However, if your internal storage drive suddenly fails, you will lose all the data on it unless you have a separate backup copy.

Page 91: Using The Keyboard

Learning the Basics Using the keyboard Using the keyboard Your computer's keyboard contains character keys, control keys, ® function keys, and special Windows keys, providing all the functionality of a full-size keyboard. (Sample Illustration) Keyboard Character keys Typing with the character keys is very much like typing on a typewriter, except that: The space bar creates a space character instead of just passing over an area of the page.

Page 92: Ctrl, Fn, And Alt Keys

Learning the Basics Using the keyboard Ctrl, Fn, and Alt keys (Sample Illustration) Ctrl, Fn, and Alt keys Ctrl , and keys do different things depending on the program you are using. For more information, see your program documentation. Function keys The function keys (not to be confused with the key) are the 12 keys at the top of the keyboard.

Page 93: Overlay Keys

Learning the Basics Using the keyboard Overlay keys The keys with gray numbers and symbols on the front of them form the numeric and cursor overlay. This overlay lets you enter numeric data or control the cursor as you would using the 10-key keypad on a desktop computer's keyboard.

Page 94: 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 the Start menu or Windows Explorer.

Page 95: Starting A Program From Windows

Learning the Basics Starting a program ® Starting a program from Windows Explorer If a program is not listed in the All Programs menu, you can start it ® ® from Windows Explorer. Windows Explorer gives you a view of your computer's contents as a hierarchy or "tree."...

Page 96: Starting A Program Using The Start Search Field

Learning the Basics Saving your work Starting a program using the Start Search field This example uses the Start menu's Start Search field to start WordPad: Click Start to display the Start menu. The Start Search field appears at the bottom of the Start menu. Start Search field...

Page 97

Learning the Basics Saving your work Saving files ® In your Windows -based application, click File, and then Save. Click Browse folders. If you are working with a document that already has a file name, this is all you need to do. If you created a new document, your program displays a Save As dialog box.

Page 98: Printing Your Work

Learning the Basics Printing your work Using a file extension Most programs assign an extension to the file name that identifies the file as being created in the program with a particular format. For ® example, Microsoft Word saves files with a .doc extension. Any ®...

Page 99: Backing Up Your Work

Learning the Basics Backing up your work Specify the print parameters. For example, the range of pages and number of copies to print. Click Print. Backing up your work Back up all the files you create in case something happens to your computer.

Page 100: Optical Drive Components

Learning the Basics Using the optical drive For these reasons, your computer may come with an optical drive. TECHNICAL NOTE: Your optical drive is set to play region 1 (North America) DVD-ROMs. If you play a DVD disc from another region, the drive will automatically change to play in the format of the other region.

Page 101: Inserting An Optical Disc

Learning the Basics Using the optical drive Manual eject hole—Use if you need to release the disc tray when the power is off. Use a straightened paper clip or other narrow object to press the manual eject button located inside the hole. Never use a pencil to press the manual eject button.

Page 102

If you insert the disc incorrectly, it may jam the drive. If this happens, contact Toshiba support for assistance. Push the disc tray in by pressing gently on the center of the tray until it clicks into place.

Page 103: Playing An Audio Cd

Depending on the configuration, your computer may come with an optical drive that allows you to: Play pre-recorded and recorded optical media. Read/write data and multi-media files to recordable optical media. For more information regarding supported optical media formats please refer to your computer's detailed specifications at pcsupport.toshiba.com.

Page 104: Removing A Disc With The Computer On

Due to manufacturing and quality variations in third party optical media (e.g., CD or DVD) or optical media players/recorders, in certain cases, your Toshiba optical drive may not record on certain optical media that bear the applicable logo, or play back optical media recorded by other computers or optical media recorders.

Page 105: Caring For Optical Discs

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.

Page 106: Chapter 3: Mobile Computing

It has a number of other features that enhance its energy efficiency. Many of these energy-saving features have been preset by Toshiba. We recommend you leave these features active, allowing your computer to operate at its maximum energy efficiency, so that you...

Page 107: Running The Computer On Battery Power

® *Toshiba EasyGuard technology comprises a number of features some of which may or may not be available on a particular Toshiba computer depending on the model selected. See easyguard.toshiba.com for detailed information. Running the computer on battery power The computer contains a removable Lithium-Ion (Li-Ion) battery that provides power when you are away from an AC outlet.

Page 108: Power Management

Changes to these settings may result in system performance or stability issues. 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.

Page 109: Using Additional Batteries

Never leave batteries in the battery charger for more than a week at a time. Doing so may reduce the potential charge of the battery. Always use the battery charger specified by Toshiba. You can order a Toshiba battery charger from Toshiba's Web site at accessories.toshiba.com.

Page 110: Charging The Rtc Battery

Mobile Computing Charging batteries The battery may not start charging immediately under the following conditions: The battery is extremely hot or cold. 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).

Page 111: Monitoring Main Battery Power

Mobile Computing Monitoring main battery power NOTE It is seldom necessary to charge the RTC battery because it charges while the computer is on. If the RTC battery is low, the real-time

clock and calendar may display the incorrect time and date or stop working.

Page 112: Determining Remaining Battery Power

Mobile Computing Monitoring main battery power HINT: Be careful not to confuse the battery light ( ) with the on/off light (When the on/off light flashes amber, it indicates that the system is ® suspended (using the Windows operating system Sleep command). Power button System Indicator Lights...

Page 113: What To Do When The Main Battery Runs Low

Mobile Computing Monitoring main battery power Highlight the power icon in the Notification Area. A pop-up message displays the remaining battery power as a percentage. With repeated discharges and recharges, the battery's capacity gradually decreases. A frequently used older battery does not power the computer for as long as a new battery, even when both are fully charged.

Page 114: Conserving Battery Power

Mobile Computing Monitoring main battery power To change the default notification settings: Click Start, Control Panel, Mobile PC, and then Power Options. The Power Options window appears. Click Change plan settings under the power plan to be customized. The Edit Plan Settings window appears. Click Change advanced power settings.

Page 115: Power Plans

Mobile Computing Monitoring main battery power There are various ways in which you can conserve power and extend the operating time of your battery: Enable Sleep or Hibernation, which saves power when you turn off the computer and turn it back on again ®...

Page 116: Using A Hot Key To Set The Power Plan

Mobile Computing Monitoring main battery power To edit a plan or to edit advanced settings, continue to the following NOTE steps. Click Change Plan Settings to choose the plan you want to edit. This screen allows you to change basic settings. Click Change Advanced Settings to access settings for battery notification levels, internal storage drive power save time, etc.

Page 117: Changing The Main Battery

Mobile Computing Changing the main battery While continuing to press , press until you select the desired Power Plan. The Power Plan options are: Balanced, Power Saver, and High Performance. Release the key. The hot key card disappears. You are now in the selected mode. Changing the main battery When your main battery has run out of power, you have two options: plug in the AC adaptor or install a charged main battery.

Page 118

Mobile Computing Changing the main battery Slide the battery release lock to the unlocked position. (Sample Illustration) Unlocking the battery release lock Slide the battery release latch to release the battery. Pull the discharged battery out of the computer. (Sample Illustration) Removing the battery If the battery is leaking or its case is cracked, put on protective gloves to handle it, and discard it immediately.

Page 119: Inserting A Charged Battery

Mobile Computing Changing the main battery Inserting a charged battery To insert a battery: Wipe the terminals of the charged battery with a clean cloth to ensure a good connection. Insert the charged battery into the slot until the latch clicks. The battery pack has been designed so that you cannot install it with reverse polarity.

Page 120: Taking Care Of Your Battery

If a battery is leaking or damaged, replace it immediately. Use protective gloves when handling a damaged battery. To replace the main battery, use an identical battery that you can purchase through the Toshiba Web site at accessories.toshiba.com. A reverse polarity condition should be avoided with all batteries.

Page 121: Maintaining Your Battery

Mobile Computing Taking care of your battery Maintaining your battery Fully discharging your battery pack will allow better accuracy of the battery meter. To fully discharge your battery pack: Periodically, disconnect the computer from a power source and operate it on battery

power until the battery pack fully discharges.

Page 122: Disposing Of Used Batteries

If you cannot find the information you need elsewhere, call Toshiba at: (800) 457-7777. In addition, Toshiba's recycling initiatives include recycling programs, events and consumer promotions. For details, visit www.ToshibaDirect.com, select Recycling &...

Page 123: Traveling Tips

Never leave your computer on a sunny ledge or in a place where it could get wet or covered in dust. 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 cords, and compact discs.

Page 124: Chapter 4: Exploring Your Computer's Features

Chapter 4 Exploring Your Computer's Features In this chapter, you will explore some of the special features of your computer. Exploring the desktop The desktop is the launching pad for everything you can do in the ® Windows operating system. You use its features to start programs, find documents, set up system components, and perform most other computing tasks.

Page 125: Finding Your Way Around The Desktop

Exploring Your Computer's Features Exploring the desktop Finding your way around the desktop Your computer's desktop includes several standard features: icons, Start button, Taskbar, Notification Area, and background pattern. Icons Start button Taskbar Notification Area ® (Sample Image) Windows operating system desktop Icons An icon represents a folder, file, or program that can be quickly activated by double-clicking the icon.

Page 126

Exploring Your Computer's Features Exploring the desktop Your desktop may contain other icons depending on your ® configuration. See Windows online Help for more specific information on each icon and how to use it. Start button You use the Start button to: Start programs Open documents Adjust system settings...

Page 127: Setting Up For Communications

Exploring Your Computer's Features 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 browser or communications program An Internet Service Provider (ISP) or online service if you plan to use the Internet A way to connect to the ISP (for example modem/ ®...

Page 128: Connecting A Modem To A Telephone Line

(WAN) For specific information about connecting to a LAN or WAN, consult your network administrator. Send a fax directly from your computer For more detailed information regarding your computer's modem, visit Toshiba's Web site at accessories.toshiba.com.

Page 129

Exploring Your Computer's Features Setting up for communications Before you can communicate using the modem, you need to connect it to a telephone line. Your computer's built-in modem port provides an RJ-11 jack, allowing you to connect the modem to a standard voice-grade telephone line.

Page 130: An Overview Of Using The Internet

Exploring Your Computer's Features 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 Internet Service Providers Connecting to the Internet Surfing the Internet...

Page 131: Connecting To The Internet

Exploring Your Computer's Features An overview of using the Internet Connecting to the Internet To connect to the Internet, you need: A modem and telephone line, or a LAN connection A Web browser An Internet Service Provider (ISP) account Once you have established an ISP account, you can connect to the Internet.

Page 132: Uploading To, And Downloading Files From, The Internet

Exploring Your Computer’s Features Exploring audio features If you have an account with an ISP, you can probably set up an email address at the same time you sign up for the service. Internet chat rooms A chat room is a Web site that offers a place where people with similar interests and ideas communicate in real-time, one-on- one or in groups, by typing messages which are instantly viewed by others on their computer screens.

Page 133: Using External Speakers Or Headphones

Exploring Your Computer’s Features Exploring audio features Click Start, All Programs, Accessories, and then Sound Recorder. Start Recording/Stop Recording button (Sample Image) Sound Recorder screen Click the Start Recording button. Speak normally into the microphone. When you have finished recording, click the Stop Recording button.

Page 134: Web Camera

Exploring Your Computer’s Features Web Camera Web Camera (Available on certain models) Your computer may come with a built-in Web Camera. With this Web Camera you can do the following: Take pictures and record videos with your computer Chat with others and have them see you while using instant messaging (IM) programs Have video conference calls NOTE...

Page 135: Inserting A Pc Card

Exploring Your Computer’s Features Using PC Cards Inserting a PC Card 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. To insert a PC Card: Locate the PC Card slot on the side of the computer.

Page 136: Setting Up A Pc Card For Your Computer

PDAs, digital cameras, digital video camcorders, etc. The Bridge Media Adapter slot may also support other types of media. For a complete list of supported media, visit Toshiba’s Web site at accessories.toshiba.com. NOTE Do not use the Copy Disk function for this type of media. To copy data from one media to another, use the drag-and-drop feature of the ®...

Page 137: Inserting Memory Media

Exploring Your Computer’s Features Using the Bridge Media Adapter Slot Inserting memory media The following instructions apply to all types of supported media devices. Turn the media so that the contacts (metal areas) are face down. Push the media into the adapter until it locks in place. (Sample Illustration) Inserting memory media When inserting memory media, do not touch the metal contacts.

Page 138: Using The I.link ® Port

Exploring Your Computer’s Features ® Using the i.LINK port Grasp the card and pull it straight out. (Sample Illustration) Removing memory media Do not remove memory media while data is being written or read. ® Even when the Windows message “copying...” disappears, writing to the media might still be in progress and your data could be destroyed.

Page 139: Using An Optional Toshiba Express Port Replicator With Your Computer

For more information, see the accessories information package that comes with the device or visit accessories.toshiba.com. Using an Optional Toshiba Express Port Replicator with your computer If you purchase an optional Toshiba Express Port Replicator (not shipped with your system), you can connect this device to your computer’s expansion port.

Page 140: Chapter 5: Utilities

TOSHIBA Assist TOSHIBA Application Installer Supervisor password User password TOSHIBA Security Assist TOSHIBA PC Diagnostic Tool Utility TOSHIBA HDD Protection Utility TOSHIBA SD™ Memory Card Format Utility TOSHIBA SD™ Memory Boot Utility Mouse Utility TOSHIBA Hardware Setup...

Page 141: Toshiba Assist

Fingerprint Authentication Utility ConfigFree® TOSHIBA Assist The TOSHIBA Assist provides quick access to computer functions and allows you to customize a range of computer settings. To access TOSHIBA Assist, do one of the following: Double-click the TOSHIBA Assist shortcut

icon on the desktop.

Page 142: Connect

Utilities TOSHIBA Assist The TOSHIBA Assist offers four categories of options: Connect Secure Protect & Fix Optimize Connect The features available in this category are: ® ConfigFree Connectivity Doctor ® Bluetooth Settings ® Bluetooth Local COM Settings (Sample Image) TOSHIBA Assist window – Connect tab...

Page 143: Secure

Utilities TOSHIBA Assist Secure The features available in this category are: Supervisor password User password TOSHIBA Security Assist (Sample Image) TOSHIBA Assist window – Secure tab...

Page 144: Protect & Fix

Utilities TOSHIBA Assist Protect & Fix The features available in this category are: TOSHIBA PC Diagnostic Tool Utility TOSHIBA HDD Protection Utility (Sample Image) TOSHIBA Assist window – Protect & Fix tab...

Page 145: Optimize

TOSHIBA Assist Optimize The features available in this category are: TOSHIBA SD™ Memory Card Format Utility Mouse Utility TOSHIBA Hardware Setup TOSHIBA Zooming Utility TOSHIBA Button Support CD/DVD Drive Acoustic Silencer TOSHIBA Accessibility (Sample Image) TOSHIBA Assist window – Optimize tab...

Page 146: Toshiba Application Installer

Utilities TOSHIBA Application Installer TOSHIBA Application Installer The TOSHIBA Application Installer allows you to reinstall the drivers and applications that were originally bundled with your computer. To reinstall drivers and applications: Double-click the TOSHIBA Application Installer icon on the ®...

Page 147: Setting Passwords

When you set a password, you must enter the password before you can work on your computer again. Toshiba supports several types of passwords on your computer: An instant password—Secures your open programs and files when leaving the computer temporarily.

Page 148: Using A Supervisor Password

Toshiba is not responsible for any losses that may occur to you, your organization or others as a result of the inability to access your computer.

Page 149: Using A User Password

Toshiba is not responsible for any losses that may occur to you, your organization or others as a result of the inability to access your...

Page 150: Deleting A User Password

Utilities Setting passwords To register a password for the power-on password functions: Click Start, All Programs, Toshiba, Utilities, and then TOSHIBA Password Utility. The TOSHIBA Password Utility window appears. (Sample Image) TOSHIBA Password Utility window Click Set. Enter your password, and then enter it again to verify.

Page 151: Toshiba Security Assist

TOSHIBA Security Assist TOSHIBA Security Assist The TOSHIBA Security Assist Utility acts as a “command center” where you can set up various passwords or other security features, and see how these features can be used with each other to increase security even further, or to simplify the ways that you protect your system.

Page 152

Utilities TOSHIBA Security Assist Log on Settings—Select this category to set up security options that protect individual user accounts. Password of current user: Check the status of the ® Windows password for the account to which you are currently logged on.

Page 153: Toshiba Pc Diagnostic Tool Utility

Refer to the online Help documentation within the application for additional help. NOTE The TOSHIBA PC Diagnostic Tool utility may show tests for features you do not have. This is normal and does not indicate a problem. To use the TOSHIBA PC Diagnostic Tool utility:...

Page 154: Toshiba Hdd Protection Utility

Utilities TOSHIBA HDD Protection Utility TOSHIBA HDD Protection Utility The TOSHIBA HDD Protection utility controls your computer's hard disk drive (HDD) protection feature, which parks the HDD whenever motion is detected on the computer. Using this utility, you can enable or disable hard disk drive (HDD) protection, and set the motion detector's sensitivity level for AC power and battery...

Page 155: Toshiba Sd™ Memory Card Format Utility

Bridge Media Adapter slot. To format an SD memory card using this utility: Click Start, All Programs, Toshiba, Utilities, and then SD Memory Card Format. The TOSHIBA SD Memory Card Format screen appears. (Sample Image) TOSHIBA SD Memory Card Format screen Select the drive corresponding to the SD memory card.

Page 156: Toshiba Sd™ Memory Boot Utility

Be sure to back up your data to external media before performing this procedure as data on the drive may be lost. Click Start, All Programs, Toshiba, Utilities, and then SD Memory Card. The TOSHIBA SD Memory Boot Utility screen appears.

Page 157: Booting From A Bootable Sd Card

Utilities TOSHIBA SD™ Memory Boot Utility Select the drive where the SD card is located. Select Read from a floppy disk. Click Start. NOTE To create a bootable SD card with the Read from an image file option, you need a third-party application.

Page 158: Mouse Utility

To access the Mouse utility: Click Start, Control Panel, and then Mouse under Hardware and Sound, or click the Mouse icon in the Optimize tab of TOSHIBA Assist. The Mouse Properties screen appears. (Sample Image) Mouse Properties screen...

Page 159: Toshiba Hardware Setup

Windows operating system. To access it: Click Start, All Programs, Toshiba, Utilities, and then HWSetup, or click the TOSHIBA Hardware Setup icon in the Optimize tab of TOSHIBA Assist. The TOSHIBA Hardware Setup screen appears.

Page 160

Utilities TOSHIBA Hardware Setup CPU—Allows you to enable or disable CPU frequency switching modes Dynamically Switchable—This mode is the default setting for your computer, and automatically changes the processing frequency and decreases voltage depending on the power source: AC Power—If your computer is connected to the AC adaptor, the CPU frequency mode is set to high for faster processing.

Page 161: Toshiba Zooming Utility

Acrobat Reader Icons on the desktop To access the TOSHIBA Zooming Utility: Click Start, All Programs, Toshiba, Utilities, and then TOSHIBA Zooming Utility. The TOSHIBA Zooming Utility Properties screen appears. (Sample Image) TOSHIBA Zooming Utility Properties screen Select the desired option(s).

Page 162: Toshiba Button Support

Utilities TOSHIBA Button Support For more information about how to use the TOSHIBA Zooming Utility, right-click the icon in the Notification Area and then click Help. TOSHIBA Button Support TOSHIBA Button Support allows you to customize the TOSHIBA ® Assist and Windows Mobility Center buttons.

Page 163: Cd/Dvd Drive Acoustic Silencer

(Sample Image) CD/DVD Drive Acoustic Silencer screen To access the utility: Click the CD/DVD Drive Acoustic Silencer icon in the Optimize tab of TOSHIBA Assist. The CD/DVD Drive Acoustic Silencer screen appears. Click Silence Mode to make the drive run more slowly and quietly for

listening to music or audio files on a CD.

Page 164: Toshiba Accessibility

Utilities TOSHIBA Accessibility TOSHIBA Accessibility The TOSHIBA Accessibility utility allows you to use the key to create a hot key combination with one of the function keys without pressing the two keys simultaneously as is usually required. Using Accessibility lets you make the...

Page 165: Trusted Platform Module (Tpm)

Trusted Platform Module (TPM) NOTE This section only applies to systems with TPM. Your Toshiba computer includes the TPM (Trusted Platform Module), which is a security encryption device for your system's internal storage drive. TPM is already included on your system, but needs to be installed and enabled using the following procedures.

Page 166: Fingerprint Authentication Utility

Toshiba does not guarantee that the fingerprint utility will accurately screen out unauthorized users at all times. Toshiba is not liable for any failure or damage that might arise out of the use of the fingerprint software or utility.

Page 167: Fingerprint Logon

Utilities Fingerprint Authentication Utility Fingerprint Logon The fingerprint utility enables logon to your computer using fingerprints. During user enrollment, fingerprint samples are saved ® and associated with the user's Windows user account. When the user attempts to log on again, the user's fingerprint is read and compared with the user's enrolled fingerprints;...

Page 168: Fingerprint Reader Limitations

Utilities Fingerprint Authentication Utility Avoid the following finger conditions for enrollment or recognition as they may result in fingerprint enrollment errors or a drop in the fingerprint recognition success rate. Soaked or swollen finger (e.g., after taking bath) Injured finger Wet finger Soiled or oily finger Extremely dry skin condition on finger...

Page 169: Configfree

Toshiba does not guarantee that the fingerprint reader will recognize the enrolled user or accurately screen out unauthorized users at all times. Toshiba is not liable for any failure or damage that might arise out of the use of this fingerprint recognition software or utility.

Page 170: Configfree ® Utilities

Double-click the ConfigFree icon in the Notification Area. Press the TOSHIBA Assist button (if applicable to your system) to open the TOSHIBA Assist, and then click the ConfigFree icon. Click the ConfigFree icon in the Notification Area, and then click the desired utility.

Page 171

Utilities ConfigFree® Status of Wireless Connection switch (Sample Image) Connectivity Doctor screen Profile Settings The Profile Settings utility lets you save network settings in ® "profiles." ConfigFree profiles are useful for easily switching network settings and devices. You can switch network settings simply by selecting the profile with the desired settings.

Page 172

Utilities ConfigFree® To create a profile: Click the icon in the Notification Area. Move the pointer to Profile. Click Open Settings. The ConfigFree Profile Settings window appears. (Sample Image) ConfigFree Profile Settings window Click Add to start the Create Profile Wizard.

Page 173: Chapter 6: 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.

Page 174: Problems When You Turn On The Computer

If Something Goes Wrong Problems when you turn on the computer Click the Applications tab. If a program has stopped responding, the words "not responding" appear beside its name in the list. Select the program you want to close, then click End Task. Closing the failed program

should allow you to continue working.

Page 175 If Something Goes Wrong Problems when you turn on the computer If you are using an AC adaptor, verify that the computer is receiving power from the external power source by looking at the AC power light. If the indicator is glowing, the computer is connected to a live external power source.

Page 176 Try turning the computer on again. If the computer starts normally, the AC adaptor may be defective and will need to be replaced (see the Toshiba Web site at accessories.toshiba.com). If the AC power light starts flashing, remove the battery, and continue with the steps below.

Page 177: The Windows Operating System Is Not Working

If Something Goes Wrong ® The Windows operating system is not working Verify that the AC adaptor is the correct unit for your computer model. The computer may not be able to start from an AC adaptor that is rated for less current (amperage) than the computer requires, even if the rated voltage is correct, and the plug fits correctly in the DC-IN socket.

Page 178: Internet Problems

If Something Goes Wrong ® The Windows operating system is not working Safe Mode with Command Prompt Enable Boot Logging Enable low-resolution video (640x480) Last Known Good Configuration (advanced) Directory Services Restore Mode Debugging Mode Disable automatic restart on system failure Disable Driver Signature Enforcement ®...

Page 179: The Windows Operating System Can Help You

Click one of the options listed in the window and then follow the on-screen instructions. You can connect to Support Online by clicking Microsoft Customer Support or by going to Toshiba support at pcsupport.toshiba.com. Resolving a hardware conflict If you receive an error message telling you there is a device driver ®...

Page 180: Fixing A Problem With Device Manager

If Something Goes Wrong Resolving a hardware conflict The device most recently connected to the system is the one most likely to be causing a conflict. Resolving conflicts There are several things you can do to resolve hardware conflicts: Get the most recent drivers from the manufacturer. Disable the device.

Page 181: Memory Problems

If Something Goes Wrong Resolving a hardware conflict The Resources tab, which lists resources assigned to the monitor, optional external optical drive, optional external diskette drive, and other power-using functions. This tab does not appear if the device is not using resources. The Driver tab, which displays the drivers being used by the device.

Page 182: Power And The Batteries

If Something Goes Wrong Resolving a hardware conflict NOTE For this model Slot A is the bottom slot. Slot B is the top slot. If only one memory module is to be installed, it must be installed in Slot A. Power and the batteries Your computer receives its power through the AC adaptor and power cord/cable or from the system batteries (battery, optional...

Page 183: Keyboard Problems

After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see your accessories information included with your computer, or visit the Toshiba Web site at accessories.toshiba.com.

Page 184: Display Problems

If Something Goes Wrong Resolving a hardware conflict Nothing happens when you press the keys on the external keyboard. You may have plugged the external keyboard in while the computer was turned on. Using the computer's TouchPad: Click Start, and then click the arrow next to the Lock button in the lower-right part of the Start menu.

Page 185 If Something Goes Wrong Resolving a hardware conflict Try adjusting the contrast

and brightness controls on the external monitor. Press 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 Personalize.

Page 186: Disk Or Internal Storage Drive Problems

If Something Goes Wrong Resolving a hardware conflict Small bright dots appear on your TFT display when you turn on your computer. Small bright dots may appear on your screen display when you turn on your computer. Your display contains an extremely large number of thin-film transistors (TFT) and is manufactured using high- precision technology.

Page 187

If Something Goes Wrong Resolving a hardware conflict You can choose one or both options: Automatically fix file system errors Scan for and attempt recovery of bad sectors Click Start. Error-checking tests and repairs the disk. Your hard disk seems very slow. If you have been using your computer for a long time, your files may have become fragmented.

Page 188: Optical Drive Problems

For more information regarding supported optical media formats, refer to the complete detail specifications for your computer at pcsupport.toshiba.com. If the problem is with an optical data disc, refer to the software's documentation and check that the hardware configuration meets the...

Page 189: Sound System Problems

If Something Goes Wrong Resolving a hardware conflict The disc will not come out of the drive when you click the eject button on the screen. Press the button on the optical drive itself. For additional information see "You press the disc eject button, but the drive tray does not slide out."...

Page 190

If Something Goes Wrong Resolving a hardware conflict PC Card checklist Make sure the card is inserted properly into the slot. Make sure all cables are securely connected. Occasionally a defective PC Card slips through quality control. If another computer with a PC Card slot is available, try the card in that machine.

Page 191: Printer Problems

If Something Goes Wrong Resolving a hardware conflict Select the item you wish to remove and click OK. Remove the device when told it is safe to do so. Never swap modules when the computer is in Hibernation or Sleep mode.

Page 192: Modem Problems

Make sure the line has a dial tone. Connect a telephone handset to the line to check this. The other system may be busy or off line. Try making a test transmission to someone else. For more information regarding your system's V.92 modem, visit the Toshiba Web site at pcsupport.toshiba.com.

Page 193: Wireless Networking Problems

To determine if your computer has an internal Wi-Fi adapter, check ® the device list in Device Manager (part of the Windows Control Panel, Hardware and Sound). Some Toshiba models may have a Wireless antenna ON/OFF switch even though they do not have an ® internal Wi-Fi adapter.

Page 194

If Something Goes Wrong Resolving a hardware conflict Verify that the network connection is configured to obtain its Internet Protocol (IP) address dynamically: Click Start, and then Network. Click View Status. Click Details. Verify that the DHCP Enabled setting is set to Yes. Click Close.

Page 195: Dvd Operating Problems

"Checking device properties" on page 180 for instructions on using Device Manager to view the optical drive properties. Check the Toshiba Web site for new information on optical drives and their operation. A blank screen appears while watching a DVD-ROM movie or title.

Page 196: Develop Good Computing Habits

If Something Goes Wrong Develop good computing habits Select Never on When to turn off the display. Click Save changes. The screen saver runs while you are watching a movie or title. If the screen saver is enabled, it runs on top of any movie or title you are watching.

Page 197: Data And System Configuration Backup In The Windows

If Something Goes Wrong Develop good computing habits Read the user's guides. It is very difficult to provide a fail-safe set of steps you can follow every time you experience a problem with the computer. Your ability to solve problems will improve as you learn about how the computer and its software work together.

Page 198 If Something Goes Wrong Develop good computing habits Click Create. In the input field, enter a name that is descriptive enough to be easily understood in the future, such as "Before installing Brand X Accounting app." Then click Create. ® The Windows operating system creates the Restore Point, automatically stamps it with the current date and time, and...

Page 199 An external hard drive is recommended in case the internal storage drive fails. No additional software is required. Most of the optical drives built into recent Toshiba portable computer models can write to (or 'burn') as well as read from optical discs.

Page 200 If Something Goes Wrong Develop good computing habits General tips for installing hardware and software Here are a few tips to help ensure safe and easy installation of new hardware (printers, pointing devices, external hard drives, DVD ® writers, scanners, etc.) and software (applications like Microsoft ®...

Page 201: If You Need Further Assistance

Since some problems may be related to the operating system or the program you are using, it is important to investigate other sources of assistance first. Try the following before you contact Toshiba: Review the troubleshooting information in your operating system documentation.

Page 202: Contacting Toshiba

Go to the Tech Support Center, select your particular model from the list and go to the Detailed Specifications for that model. For the number of a Toshiba dealer near you in the United States, call: (800) 457-7777. Contacting Toshiba If you still need help and suspect that the problem is hardware- related, Toshiba offers a variety of resources to help you.

Page 203: Other Toshiba Internet Web Sites

20041, Agrate Brianza Japan Milano, Italy Latin America and Caribbean Mexico Toshiba America Information Toshiba de México S.A. de C.V. Systems Sierra Candela No.111, 6to. Piso 9740 Irvine Blvd. Col. Lomas de Chapultepec. Irvine, California 92618 CP 11000 Mexico, DF.

Page 204 Spain United States The Rest of Europe Toshiba America Information Toshiba Europe (I.E.) GmbH Systems, Inc. Hammfelddamm 8 9740 Irvine Boulevard D-4-1460 Neuss Irvine, California 92618 Germany United States For more information on additional Toshiba worldwide locations, please visit: www.toshiba.co.jp/index.htm.

Page 205: Appendix A: Hot Keys/Toshiba Cards

Appendix A Hot Keys/TOSHIBA Cards Hot keys and TOSHIBA Cards provide a quick way to modify selected system functions and to launch applications. There are two types of TOSHIBA Cards: Hot Key Cards and Application Cards. Hot Key Cards The Hot Key Cards are used to set or modify the following system...

Page 206: Using The Hot Key Cards

To use the Hot Key Cards: Press and hold the key. The TOSHIBA Cards appear along the top of the screen. (Sample Image) Hot Key Card display Double-click the Card for the system function to be modified. The selected Card is displayed full-size with its available options below it.

Page 207: Application Cards

TOSHIBA Zooming utility For more information, refer to "TOSHIBA Zooming Utility" on page 161. Disc Creator utility This Application Card launches the TOSHIBA Disc Creator utility. TOSHIBA

Hardware Setup utility For more information, refer to “TOSHIBA Hardware Setup” on page 159.

Page 208: Using The Application Cards

To launch an application using the Application Cards: Press and hold the key. The TOSHIBA Cards display at the top of the screen. “stacked” Card (Sample Image) TOSHIBA Card display Click the “stacked” card on the far right of the display. The Application Cards are hidden under this card.

Page 209: Hot Key Functions

Hot Keys/TOSHIBA Cards Hot key functions Click Start, All Programs, Toshiba, Utilities, and then Settings for Flash Cards. (Sample Image) Enabling and Disabling Application Cards Click the Open cards case button. The Card Case displays two rows of Cards. Cards that appear solid (not transparent) in the bottom row are enabled and can be selected when the Application Cards are displayed.

Page 210: Volume Mute

Hot Keys/TOSHIBA Cards Hot key functions Volume Mute This TOSHIBA Card or hot key enables/disables volume mute on your computer. When volume mute is enabled, no sound will come from the speakers or headphones. Selecting this Card or pressing the hot key displays the...

Page 211: Lock (Instant Security)

Hot Keys/TOSHIBA Cards Hot key functions Lock (Instant security) This TOSHIBA Card or hot key blanks the display. Selecting this Card or pressing the hot key displays the following options: (Sample Image) Security options To enable lock, select To cancel, select hot key function activates instant security.

Page 212: Power Plan

Hot Keys/TOSHIBA Cards Hot key functions Power plan This TOSHIBA Card or hot key displays the power plans and cycles through the power plans. The properties of each power plan, and the power plans that are displayed by this function, are set in the Power Options window.

Page 213: Sleep Mode

Hot Keys/TOSHIBA Cards Hot key functions Sleep mode This TOSHIBA Card or hot key places the computer into Sleep mode. For more information about Sleep mode, please see “Using and configuring Sleep mode” on page Selecting this Card or pressing the hot key displays the...

Page 214: Hibernation Mode

Hot Keys/TOSHIBA Cards Hot key functions Hibernation mode This TOSHIBA Card or hot key places the computer into Hibernation mode. If Hibernation mode is disabled, this hot key will not respond. For more information on Hibernation mode, see “Using and configuring Hibernation mode” on page...

Page 215: Output (Display Switch)

Hot Keys/TOSHIBA Cards Hot key functions Output (Display switch) This TOSHIBA Card or hot key cycles through the power- on display options (only the first option is available when you do not have an external monitor attached) (the last option is available only if you are in Extended Display Mode).

Page 216: Display Brightness

To swap sides, select Swap Image Display. Display brightness This TOSHIBA Card decreases or increases the screen brightness. This hot key decreases the screen brightness. This hot key increases the screen brightness.

Page 217: Disabling Or Enabling Wireless Devices

Hot Keys/TOSHIBA Cards Hot key functions Disabling or enabling wireless devices This TOSHIBA Card or hot key enables/disables the optional wireless devices installed in your computer. The wireless modes are: ® ® Wi-Fi enabled—Enables just the Wi-Fi module. ® ®...

Page 218: Disabling Or Enabling The Touchpad

Hot Keys/TOSHIBA Cards Hot key functions Disabling or enabling the TouchPad™ This TOSHIBA Card or hot key enables/disables the TouchPad. For more information on using the TouchPad, see “Disabling or enabling the TouchPad™” on page Selecting this Card or pressing the hot key displays the...

Page 219: Zoom (Display Resolution)

Hot Keys/TOSHIBA Cards Hot key functions Zoom (Display resolution) This TOSHIBA Card or hot key switches screen resolution. Selecting this Card or pressing the hot key displays the following options: [Space bar] (Sample Image) Screen resolution options Cycle through the screen resolutions, then select the desired...

Page 220: Keyboard Hot Key Functions

This hot key turns the numeric overlay on and off. This hot key turns the scroll lock feature on and off. This hot key turns the TOSHIBA Zooming Utility to zoom-out. This hot key turns the TOSHIBA Zooming Utility to...

Page 221 Appendix B Power Cord/Cable Connectors Your computer ships with the correct power supply for the country of purchase. This appendix shows the shapes of the typical AC power cord/cable connectors for various parts of the world. USA and Canada United Kingdom UL approved CSA approved BS approved...

Page 222 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. alternating current BIOS basic input/output system bits per second compact disc CD-ROM compact disc read-only memory CD-RW compact disc rewrite memory CMOS...

Page 223 Glossary disk operating system dots per inch DSTN dual supertwist nematic digital versatile (or video) disc DVD-ROM digital versatile (or video) disc read-only memory enhanced capabilities port EPROM erasable programmable read-only memory file allocation table Federal Communications Commission gigabyte hard disk drive HTML Hypertext Markup Language IEEE...

Page 224 Glossary SDRAM synchronous dynamic random access memory SRAM static random access memory Solid State Drive SVGA super video graphics adapter thin film transistor universal serial bus uniform resource locator wide area network World Wide Web Terms The following terms may appear in this user’s guide. active-matrix display —...

Page 225 Glossary baud rate — The speed at which a communication device, such as a printer or modem, transmits information. Baud rate is the number of signal changes per second (not necessarily the same as bits per second). See also bits per second. BIOS (basic input/output system) —...

Page 226 Glossary central processing unit (CPU) — The chip that functions as the “brain” of the computer. It takes information from outside sources, such as memory or keyboard input, processes the information, and sends the results to another device that uses the information. character —...

Page 227 Glossary default — The setting selected by a program when the user does not specify an alternative setting. device — A component attached to the computer. Devices may be external (outside the computer’s case) or internal (inside the computer’s case). Printers, disk drives, and modems are examples of devices.

Page 228 Glossary double-click — To press and release the pointing device’s primary button rapidly twice without moving the pointing device. In the ® Windows operating system, this refers to the pointing device’s left button, unless otherwise stated. double-density diskette — A 3.5-inch diskette that can hold up to 720 KB of information (half the capacity of a high-density diskette).

Page 229 Glossary file — A collection of related information, saved on disk with a unique name. A file may be a program, information used by a program, or a document. See also document. file allocation table (FAT) — The section of an internal storage drive that keeps track of the location of stored files.

Page 230 Glossary Hibernation — A feature of many Toshiba computers that saves to the internal storage drive 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 231 Glossary liquid crystal display (LCD) — A type of display that uses a liquid substance between two transparent electrode panels. When an electric current passes through the electrodes, the molecules in the liquid form a crystalline pattern that polarizes the light passing through it.

Page 232 Glossary network — A collection of computers and associated devices that are connected by communications facilities. A network allows you to share data and peripheral devices, such as printers, with other users and to exchange electronic mail. non-interlaced — A method of refreshing a computer screen, in which each pixel of every line is refreshed as the electron beam scans across and down the screen.

Page 233 Glossary Plug and Play — Generally, refers to the computer's ability to automatically configure itself to work with peripheral devices. When capitalized, refers to a standard that, when followed by a device manufacturer, allows a computer to configure itself automatically to work with the device. pointing device —...

Page 234 Glossary RJ11 — A modular connector used on most U.S. telephone systems and direct-connect modems. The RJ11 connector is a 6-wire connector. ROM (read-only memory) — Non-volatile memory that can be read but not written to. Non-volatile here means that information in ROM remains whether or not the computer is receiving power.

Page 235 Glossary TFT display — See active-matrix display. universal serial bus (USB) — USB is a serial bus that supports a data transfer rate of up to 480 Mbps (480 million bits per second). USB can connect up to 127 peripheral devices through a single all- purpose USB port.

Page 236 48 real-time clock (RTC) 108 accessories removing 117 docking solutions 139 BIOS Setup memory 52 see TOSHIBA Hardware Setup adding memory 52 Bridge Media Adapter Alt keys 92 inserting memory media 137 Application Cards 207 removing memory media 137...

Page 237 Index caring for 86 does not look normal/flickers 185 cleaning 87 external monitor not working 185 moving 87 screen is blank 184 non-system disk or disk error display device message 176 external 72 not accessing disk drives 175 display output settings 73 running on battery power 107 display, external setting up 44...

Page 238 Index backing up 99 safety 39 printing 98 installation restoring 99 memory module 53 saving 96 installing fingerprint memory modules 52 authentication 166 mouse 74 fingerprint Authentication Utility instant passwords, using 147 using 166 Internet Fn keys 92 bookmarked site not found 178 function keys 92 connecting to 131 features 131...

Page 239 Index memory overlay keys 93 adding 52 problem solving 181 password removing memory module slot deleting a supervisor 149 cover 55 disabling a user 150 memory module setting a user 149 inserting 56 supervisor installation 53 set up 148 removing 60 types 147 memory module slot 55 passwords...

Page 240 PC Card Windows® operating system not inserted 190 working 177 computer will not power up 174 program, starting 94 contacting Toshiba 201 programs corrupted/damaged data files 187 not running correctly 187 Device Manager 180 projector 72 disk drive is slow 187...

Page 241 46 blank 184 worldwide offices 203 does not look normal/flickers 185 TOSHIBA Assist 141 secondary button 72 TOSHIBA Hardware Setup 159 set up communications 127 Toshiba online resources 105 setting up traveling tips 123 adding memory 52 troubleshooting...

Page 242 Index Windows® operating system Help and Support 179 problem solving 177 Windows® operating system desktop Windows® Start menu 94 wireless networking 127 Wizards Connect to the Internet 128 World Wide Web 130 www 130...

This manual is also suitable for:

S300 s1001 - satellite pro - core 2 duo 2.4 ghzS300 ez2501 - satellite pro - core 2 duo 2.2 ghzS300 ez2502 - satellite pro - core 2 duo 2.26 ghzS300 s2504 - satellite pro - core 2 duo 2.4 ghzS300-ez1511 - satellite pro - pentium dual core 2.16 ghzS300-s2503 - satellite pro - core 2 duo 2.26 ghz ... Show all