TOSHIBA

Toshiba P205-S6277 User Manual

P205-s6277 user's guide

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
Table Of Contents
27
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

-

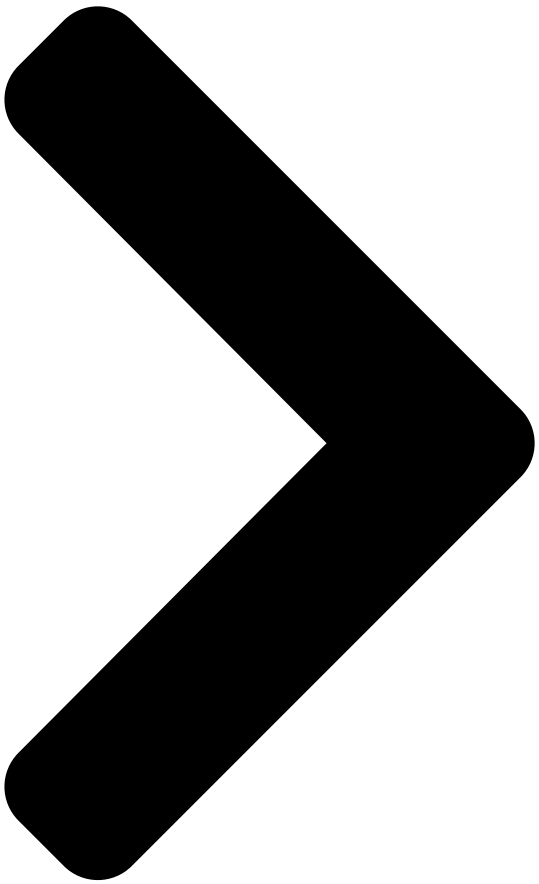
Table of Contents

Bookmarks

Quick Links

1 Your Computer's Features and Specifications

Download this manual



Satellite

Series User's Guide

If you need assistance:

- TOSHIBA

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

TOSHIBA

P200/P205

"If Something Goes Wrong" on
in this guide.
GMAD00131010
04/07

Table of Contents

Next Page

1
2
3
4
5

Related Manuals for Toshiba P205-S6277

Laptop Toshiba Satellite P205-S6277 Specifications

Toshiba satellite p205-s6277: specifications (4 pages)

Laptop Toshiba Satellite P200 Maintenance Manual

(251 pages)

Laptop Toshiba Satellite P205D Maintenance Manual

(249 pages)

Laptop Toshiba Satellite P200 Series User Manual

(238 pages)

Laptop Toshiba Satellite P200 Series User Manual

(220 pages)

Laptop Toshiba Satellite Pro P200 Series User Manual

(194 pages)

Laptop Toshiba Satellite P200 Series User Manual

Toshiba laptop user's manual p200 (194 pages)

Laptop Toshiba Satellite P200 Series Maintenance Manual

(193 pages)

Laptop Toshiba P200 Series User Manual

Toshiba dvd video player user's manual (183 pages)

Laptop Toshiba Satellite P205-S6267 Specifications

Toshiba satellite p205-s6267: specifications (4 pages)

Laptop Toshiba Satellite P205-S6337 Specifications

Toshiba satellite p205-s6337: specifications (4 pages)

Laptop Toshiba Satellite P205-S6347 Specifications

Toshiba satellite p205-s6347: specifications (4 pages)

Laptop Toshiba Satellite P205-S7402 Specifications

Toshiba satellite p205-s7402: specifications (4 pages)

Laptop Toshiba Satellite P205-S7457 Specifications

Toshiba satellite p205-s7457: specifications (4 pages)

Laptop Toshiba Satellite P205-S7469 Specifications

Toshiba satellite p205-s7469: specifications (4 pages)

Laptop Toshiba Satellite P205-S7476 Specifications

Toshiba satellite p205-s7476: specifications (4 pages)

Summary of Contents for Toshiba P205-S6277

Page 1 ® Satellite 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.

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 parallel port, monitor port, USB port, PS/2 port microphone jack (Port availability depends on model selected).

Page 4: Industry Canada Requirement

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

If trouble is experienced with this equipment, for repair or limited warranty information, please contact 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.

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 EU Declaration of Conformity TOSHIBA declares that this product conforms to the following Standards: This product is carrying the CE-Mark in accordance with the related European Directives. The party responsible for CE-Marking is TOSHIBA Europe GmbH, Hammfelddamm 8, 41460 Neuss, Germany.

Page 10 Modem Warning Notice Conformity Statement The equipment has been approved to [Commission Decision “CTR21”] for pan- European single terminal connection to the Public Switched Telephone Network (PSTN). However, due to differences between the individual PSTNs provided in different countries/regions the approval does not, of itself, give an unconditional assurance of successful operation on every PSTN network termination point.

Page 11: Device Authorization

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. 2. Indication The indication shown below appears on this equipment.

Page 12: Radio Approvals For Wireless Devices

JAPAN APPROVALS INSTITUTE FOR TELECOMMUNICATIONS EQUIPMENT Approval Number: D01-1128JP TELECOM ENGINEERING CENTER Approval Number: 03NY.A0018, 03GZDA0017 The following restrictions apply: ❖ Do not disassemble or modify the device. ❖ Do not install the embedded wireless module into other device. ❖ 5.17 GHz to 5.23 GHz for indoor use only.

Page 13 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 14 802.11a (5 GHz) Australia Canada France Ireland Luxembourg Norway Switzerland Turbo Mode (5 GHz) Canada Europe - Restrictions for Use of 5 GHz Frequencies in European Community Countries European Community Countries Austria Belgium, France, Switzerland/Lichtenstein Denmark, Finland, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Sweden, UK...

Page 15 ❖ This device must not be operated in ad-hoc mode using channels in the 5 GHz bands in the European Community. Ad-hoc mode provides a direct communication between two client devices without a Wireless LAN Access Point. ❖ This device must be used with Access Points that have employed and activated a radar detection feature required for European Community operation in the 5 GHz bands.

Page 16 802.11a (5 GHz) Australia Canada France Ireland Luxembourg Norway Switzerland Turbo Mode (5 GHz) 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.

Page 17: Wireless Lan Card

Approved Countries/Regions for use for the Toshiba Mini PCI Wireless LAN Card 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 18 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 19: 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 20: Bluetooth Wireless Technology And Your Health

Approved Countries/Regions for use (Bluetooth 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. Australia Bulgaria...

Page 21: 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 22 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. 2. Indication The indication shown below appears on this equipment.

Page 23 CD-RW drive, Multi-drive or any other optical drive. You could damage the drive. You would also be exposed to laser light or other safety hazards, resulting in serious injury. Always contact an authorized Toshiba service provider, if any repair or adjustment is required.

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Page 25 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 26 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 27: Table Of Contents

Keeping yourself comfortable ...39 Precautions...39 Important information on your computer's Setting up your computer ...41 Setting up your software...41 Registering your computer with Toshiba ...42 Adding optional external devices...42 Connecting to a power source ...43 Charging the main battery...45 cooling fan ...40...

Page 28 Contents Using the computer for the first time ...46 Opening the display panel ...46 Your computer's features and specifications ...47 Turning on the power...47 Adding memory (optional) ...48 Installing a memory module ...48 Removing a memory module...54 Checking total memory ...55 Hard Drive Recovery Utilities ...56 Creating Recovery CDs/DVDs ...57 Hard Disk Drive Recovery options ...58...

Page 29 Playing optical media ...102 Creating a CD/DVD/HD DVD...102 Removing a disc with the computer on...103 Removing a disc with the computer off ...103 Caring for CD or DVD discs ...104 Toshiba's online resources ...104 ® keys ...91 Search field ...93 Contents ®...

Page 30 Contents Chapter 3: Mobile Computing...105 Toshiba's energy-saver design...105 Running the computer on battery power ...105 Battery Notice ...106 Power management ...107 Using additional batteries ...107 Charging batteries...107 Charging the main battery...108 Charging the RTC battery...108 Monitoring main battery power...109 Determining remaining battery power...111 What to do when the main battery runs low ...111...

Page 31 Using an instant password...146 Using a supervisor password...147 Using a user password ...148 Deleting a user password...149 TOSHIBA PC Diagnostic Tool Utility...150 TOSHIBA SD™ Memory Card Format Utility ...151 Mouse Utility...152 Toshiba Hardware Setup...153 TOSHIBA Zooming Utility...155 TOSHIBA Button Support...156 CD/DVD Drive Acoustic Silencer ...157...

Page 32 Contents Fingerprint Authentication Utility...158 Fingerprint utility limitations ...159 Fingerprint Enrollment ...159 Fingerprint Logon ...160 Power-on Security ...161 Control Center...162 Password Bank ...164 Care and maintenance of your fingerprint Fingerprint reader limitations ...169 ConfigFree™...169 Getting Started...170 ConfigFree Utilities...170 Chapter 6: If Something Goes Wrong...173 Problems that are easy to fix ...173 Problems when you turn on the computer...174 The Windows...

Page 33 If you need further assistance...201 Before you contact Toshiba ...201 Contacting Toshiba ...202 Other Toshiba Internet Web sites...202 Toshiba's worldwide offices...203 Appendix A: Hot Keys/TOSHIBA Cards ... 205 Hot Key Cards ...205 Using the Hot Key Cards ...206 Application Cards...207 Using the Application Cards...208 Card Case...208...

Page 34: Introduction

Introduction Welcome to the world of powerful, portable, multimedia computing. With your Toshiba notebook computer, your work and entertainment can accompany you wherever you go. NOTE This notebook is compatible with European Union Directive 2002/95/EC, Restriction of the use of certain Hazardous Substances in electrical and electronic equipment (RoHS), which restricts use of lead, cadmium, mercury, hexavalent chromium, PBB, and PBDE.

Page 35: 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 36: 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 37: 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 Goes Wrong" on page Introduction Other documentation 173.

Page 38: Chapter 1: Getting Started

Chapter 1 Getting Started This chapter provides tips for working comfortably, summarizes 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 39: Keeping Yourself Comfortable

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

Page 40: Important Information On Your Computer's Cooling Fan

Getting Started Selecting a place to work ❖ Never turn off the computer if a drive light indicates a drive is active. Turning off the computer while it is reading from or writing to a disk/disc or flash media may damage the disk/disc or flash media, the drive, or both.

Page 41: Setting Up Your Computer

Setting up your computer TECHNICAL NOTE: You must complete all setup steps up to and including external or internal components to your computer. These components include, but are not limited to, a mouse, keyboard, printer, memory, and PC Cards. Your computer contains a rechargeable main battery that needs to be charged before you can use it.

Page 42: Registering Your Computer With Toshiba

If you decide not to register at that time, you can either double-click the Toshiba Registration icon on your desktop or go to the Toshiba Web site at www.register.toshiba.com Product Registration will not diminish Customer rights under the Toshiba limited Warranty.

Page 43: 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 44

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 45: Charging The Main Battery

❖ Glows blue 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 ❖ Flashes amber when the main battery charge is low and it is time to recharge the main battery or plug in the AC adaptor NOTE...

Page 46: Using The Computer For The First Time

Getting Started Using the computer for the first time 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 Slide the display latch to the right. Lift the display panel.

Page 47: Your Computer's Features And Specifications

Your computer’s features and specifications Certain notebook chassis are designed to accommodate all possible configurations for an entire product Series. Your select model may not have all the features and specifications corresponding to all of the icons or switches shown on the notebook chassis, unless you have selected all those features.

Page 48: Adding Memory (Optional)

NOTE Before adding external devices or memory, Toshiba recommends setting up your software. See Installing a memory module Memory modules can be installed in the memory module slots on the base of the computer.

Page 49 NOTE For this model, Slot B is the bottom slot. Slot A is the top slot. If only one memory module is to be installed, it must be installed in slot A. 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.

Page 50 Getting Started Adding memory (optional) Close the display panel and turn the computer upside down to locate the memory module slot cover. (Sample Illustration) Locating the memory module slot cover Using a small Phillips screwdriver, loosen the captive screw that secures the memory module slot cover. (Sample Illustration) Removing the memory module slot cover Remove the memory module slot cover.

Page 51 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. Avoid touching the connector on the memory module or on the computer. Grease or dust on the connector may cause memory access problems.

Page 52 Getting Started Adding memory (optional) Firmly press the memory module into the memory slot’s socket at approximately a 30-degree angle (to the horizontal surface of the computer). (Sample Illustration) Inserting the memory module into the socket 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.

Page 53 Do not force the memory module into position. The memory module should be completely inserted into the socket and level when secured in place. Back of computer Slot B (Sample Illustration) Inserting the memory module into the slot NOTE For this model, Slot B is the bottom slot. Slot A is the top slot. If only one memory module is to be installed, it must be installed in slot A.

Page 54: Removing A Memory Module

Getting Started Adding memory (optional) Removing a memory module If you need to remove a memory module: Complete steps page 48 to shut down the computer and open the memory module slot cover. Do not try to remove a memory module with the computer turned on. You can damage the computer and the memory module.

Page 55: Checking Total Memory

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

Page 56: 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 and then check that the module is inserted completely into the socket and lined up squarely with the socket latches. NOTE From time to time, Windows “Windows...

Page 57: Creating Recovery Cds/Dvds

The system will prompt you to insert the appropriate number of blank CDs or DVDs to copy the Hard Drive Recovery Utilities. If your optical disc drive is not writable, contact Toshiba Customer Support to obtain the Recovery media for your system.

Page 58: Hard Disk Drive Recovery Options

Getting Started Hard Drive Recovery Utilities Select the items you want to copy by clicking the check box next to the item's Name—recovery files, applications (original bundled drivers and applications), or both the recovery files and applications. Click Create. Insert the first blank CD or DVD into your writable optical drive when prompted.

Page 59 Press and hold the powering on the computer. When the computer powers on, the Toshiba Recovery Wizard screen displays. (Sample Image) Toshiba Recovery Wizard screen Select one of the options, and then click Next. The options are: ❖ Recovery of Factory Default Software ❖...

Page 60 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 61 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: ❖...

Page 62 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 63: Hard Disk Drive Recovery Using The Recovery Media

When the initial screen displays, press The boot menu appears. Using the arrow keys, select the CD/DVD option and press Enter . The system will boot up to the Toshiba Recovery Wizard screen. Please refer to page 58, to explain the available recovery options.

Page 64: Installing Drivers And Applications

Installing drivers and applications (Available on certain models) The Toshiba Application Installer (available on certain models) allows you to reinstall the drivers and applications that were originally bundled with your computer. To reinstall drivers and applications:...

Page 65: Scrolling With The Touchpad

NOTE Because the TouchPad is much smaller than the display screen, moving your cursor across the screen often means having to move your finger several times across the TouchPad in the preferred direction. Once you have positioned your cursor, you can click it into place by either double-tapping the TouchPad or clicking the control buttons.

Page 66: Using The Dual Mode Pad

❖ Left button: Opens the assigned email application ❖ Middle button: Opens the ConfigFree utility (see the Toshiba online Help for more information) ❖ Right button: Opens the Windows The other three virtual buttons have no default settings. You must configure these buttons in the Mouse Properties dialog box before they can be used.

Page 67 In order to use the virtual buttons you must first enable Dual Mode in the Mouse Properties dialog box. After that, you can use the virtual buttons as follows: Tap the mode switch button to enable the virtual buttons. Tap the virtual button assigned to the application you wish to launch, or slide your finger on the volume control bar to adjust the volume to the desired level.

Page 68: Using External Display Devices

Getting Started Using external display devices Configuring virtual buttons The virtual buttons at the top of the Dual Mode Pad are pre- configured for the Email, ConfigFree, and Print functions. You can assign different functions to these buttons if you wish. The virtual buttons on the bottom of the Dual Mode Pad (buttons 4, 5, and 6 in the Properties for Synaptics LuxPad window) are unassigned by default.

Page 69: Connecting The Display Device

S-video cables and HDMI cables are not included with your computer. For the best video quality, always use a properly shielded cable. HINT: Toshiba recommends using a cable no longer than

20 feet (approximately 6 meters). Using a poor-quality cable may result in a dull or fuzzy picture, poor color, ghosting, video noise, or loss of video.

Page 70 Getting Started Using external display devices Connecting an HDMI-compatible television or VCR/DVD player To connect an HDMI-compatible television or VCR/DVD player to the computer: Connect one end of an HDMI cable (not included with your computer) to the HDMI Out port on the back of your computer, and then connect the other end of the cable to your television.

Page 71 Connecting a standard television, projector, or VCR/DVD player To connect a standard television, projector, or VCR/DVD player: Connect one end of an S-video cable (not included with your computer) to the external video device. Refer to the documentation provided with the device for the location of its Video In port.

Page 72: Directing The Display Output When You Turn On The Computer

Getting Started Using external display devices Click and drag the Screen resolution slider to the left to select a lower screen resolution. TECHNICAL NOTE: Most televisions use or support an 800 x 600 standard resolution. Click Apply, then click OK to close the Display Settings window.

Page 73 While holding down you want takes effect. Briefly pause each time you press the key to allow time for the display to change. This hot key cycles through the settings in the following order (the options for external monitor and TV are available only if an external monitor or TV is connected): ❖...

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

If your printer supports Plug and Play, your computer may automatically recognize the printer; the printer is then ready for use. Refer to your printer documentation for further instructions. TECHNICAL NOTE: To determine if your printer supports Plug and Play, check its documentation. If your printer does not support Plug and Play, you can set up the printer as described in To connect a printer to your computer:...

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: Turning Off The Computer

Turning off the computer Pressing 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. If you turn off the power while a disk/disc is being accessed, you may lose data or damage the disk/disc and/or drive.

Page 78 Getting Started Turning off the computer Hibernation mode Hibernation mode shuts the computer down completely, but it first saves the current state of the computer to hard disk. Since Hibernation mode does not require power to maintain the saved information, system settings are retained indefinitely. Factors to consider when choosing Hibernation: ❖...

Page 79: Using The Shut Down Command

❖ When starting up again, the computer returns to the mode in which you left it, including all open programs and files you were using. ❖ If the battery charge becomes critically low, the computer will try to enter Hibernation mode. If you power down using the Sleep command and the main battery discharges fully, your unsaved information will be lost.

Page 80 Getting Started Turning off the computer Turning off the computer more quickly You

can also turn off the computer by pressing the power button. To use this method, you first need to activate it using the Power Options feature. By default, pressing your computer's power button puts the computer into Sleep mode.

Page 81: Using And Configuring Hibernation Mode

❖ Start menu power button Set this option to Shut down if you want the computer to shut down when you click the power button in the Start menu. 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.

Page 82

Getting Started Turning off the computer Configuring Hibernation mode options You can place the computer into Hibernation mode by either pressing the power button or closing the display panel. You can also specify an amount of time after which the computer automatically goes into Hibernation mode.

Page 83: Using And Configuring Sleep Mode

❖ 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

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. Select Sleep for the options you want. ❖...

Page 86: Closing The Display Panel

Moving the computer Before moving your computer, even across the room, make sure all disk activity has ended (the drive indicator light stops glowing) and all external peripheral cables are disconnected. “Power Plans” on page 119. 114. There are “Toshiba Utilities”...

Page 87: 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 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: 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 disk. 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 89: Using The Keyboard

It is easy to put off backing up because it takes time. However, if your hard disk suddenly fails, you will lose all the data on it unless you have a separate backup copy. For more information, “Data and system configuration backup in the Windows® operating system”...

Page 90: Character Keys

Learning the Basics Using the 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 91: Special Windows ® Keys

® Special Windows keys ® Windows button (Sample Illustration) Special Windows Your computer's keyboard has one key and one button that have special functions in Windows ❖

Windows ❖ Application key—Has a similar function as the secondary mouse button 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.

Page 92: Starting A Program From Windows Explorer

Learning the Basics Starting a program NOTE If you pause with your mouse on All Programs, it will open it up. You may need to scroll up or down to see the complete list. Click the program group, in this example, Accessories. The Accessories menu is displayed.

Page 93: Starting A Program Using The Start Search Field

In the left part of the window, double-click Accessories. Windows folder on the right side of the window. In the right part of the window, double-click wordpad. The operating system opens WordPad. To close the program, click the Close button in the upper-right corner of the program's window.

Page 94

Learning the Basics Saving your work Saving files In your Windows 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 95: Printing Your Work

File names The Windows contain up to 260 characters and can include spaces. Some applications do not support long file names and require file names limited to no more than eight characters. You may use all the letters, numbers, and other characters on the keyboard, except for these characters: \ / ? : * "...

Page 96: Backing Up Your Work

Learning the Basics Backing up your work To print a file: If your printer is not on, turn it on now. In your Windows Print. The program displays a Print dialog box. (Sample Image) Print dialog box Specify the print parameters. For example, the range of pages and number of copies to print.

Page 97: Restoring Your Work

Restoring your work To restore information from your backup media to your hard disk, use the Restore page in the backup program. Look in the online Help or your operating system documentation for information on restoring files. TECHNICAL NOTE: When restoring files, the backup program prompts you if you try to overwrite a file that already exists on the hard disk.

Page 98: Optical Drive Components

Learning the Basics Using the optical drive Optical drive components The optical drive is located on the right side of the computer. Your optical drive may look like this: Drive in-use indicator light Eject button Manual eject hole (Sample Illustration) Optical drive Drive in-use indicator light—Indicates when the drive is in use.

Page 99: Media Control Buttons

Media control buttons (Available on certain models) The media control buttons located above the keyboard let you access the Internet when the computer is on and play audio CDs or DVD movies. Play/Pause button* Media button* Internet browser button* (Sample Illustration) Media Control buttons The Internet browser button lets you access the Internet when the computer is powered on.

Page 100

Learning the Basics Using the optical drive Grasp the tray and pull it fully open. (Sample Illustration) Drive tray fully extended Hold the disc by its edges and check that it is free of dust. If the disc is dusty, clean it as described in DVD discs"...

Page 101: Playing An Audio Cd

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 102: Playing Optical Media

Learning the Basics Using the optical drive ❖ To play the CD or to pause, click the Play/Pause button. ❖ To stop the CD, click the Stop button. Before putting on headphones to listen, turn the

volume down. Do not set the volume too high when using headphones. Continuous exposure to loud sound can harm your hearing.

Page 103: Removing A Disc With The Computer On

These problems are not due to any defect in your Toshiba computer or optical drive. Please refer to your computer's product specification for listing of specific format compatibilities.

Page 104: Caring For Cd Or Dvd 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 105: Chapter 3: Mobile Computing

Mobile Computing This chapter covers all aspects of using your computer while traveling. Toshiba’s energy-saver design Your computer enters a low-power suspension mode when it is not being used, thereby conserving energy and saving money in the process. It has a number of other features that enhance its energy efficiency.

Page 106: Battery Notice

This is normal for all batteries. To purchase a new battery pack, see the accessories information that shipped with your computer or visit the Toshiba Web site at accessories.toshiba.com. Use only batteries designed to work with your Toshiba notebook computer.

Page 107: Power Management

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 108: Charging The Main Battery

Mobile Computing Charging batteries Charging the main battery To charge the main battery while it is in your computer, plug the computer into a live electrical outlet. The battery charges whether the computer is on or off. TECHNICAL NOTE: The recharging of the battery cannot occur when your computer is using all of the power provided by the AC adaptor to run applications, features, and devices.

Page 109: Monitoring Main Battery Power

NOTE The above error message may vary by computer model. The RTC battery does not charge while the computer is turned off even when the AC adaptor is charging the computer. The RTC battery charges when the computer is powered on. If the RTC battery is low, the real-time clock and calendar may display the incorrect time and date, or stop working.

Page 110

Mobile Computing Monitoring main battery power NOTE If the AC power light flashes amber during charging, either a battery pack is malfunctioning, or it is not receiving correct input from the AC power supply. Disconnect the AC power cord/cable and remove the battery pack. “Changing the main battery”...

Page 111: Determining Remaining Battery Power

Determining remaining battery power Wait at least 16 seconds after turning on the computer before trying NOTE to monitor the remaining battery power. The computer needs this time to check the battery’s remaining capacity and perform its calculations. Highlight the power icon in the Notification Area. A pop-up message displays the remaining battery power as a percentage.

Page 112: Setting Battery Notifications

Mobile Computing Monitoring main battery power If you have Hibernation mode enabled (the default), the computer copies the details of your open programs and files to the hard disk before shutting down. For more information on using Hibernation, “Hibernation mode” on page 78. Setting battery notifications You can set two notifications.

Page 113: Conserving Battery Power

Click Battery to display the battery options. Configure the alarm settings to suit your needs.

Conserving battery power How long a fully charged battery pack lasts when you are using the computer depends on a number of factors, such as: ❖...

Page 114: Power Plans

Mobile Computing Monitoring main battery power Power Plans You can choose a predefined Power Plan or select your own combination of power options. To do this: Click Start, Control Panel, Mobile PC, and then Power Options. The Windows (Sample Image) Windows Select an appropriate plan for your work environment or create your own custom plan.

Page 115: Using A Hot Key To Set The Power Plan

By default the three power plans Balanced, Power Saver, and High Performance are satisfactory for most people and do not need to be edited. The Power Saver plan is the best used for maximum battery time. The High Performance plan will give you the shortest battery time, but the highest performance from your computer.

Page 116: Changing The Main Battery

Mobile Computing Changing the main battery 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. Never short circuit the battery pack by either accidentally or intentionally bringing the battery terminals in contact with another conductive object.

Page 117

Slide the battery release lock to the unlocked position. (Sample Illustration) Unlocking the battery release lock Slide and hold the battery release latch to release the battery. Pull the discharged battery out of the computer. (Sample Illustration) Removing the battery Mobile Computing Changing the main battery...

Page 118: Inserting A Charged Battery

Mobile Computing Changing the main battery If the battery is leaking or its case is cracked, put on protective gloves to handle it, and discard it immediately. Always dispose of used battery packs in compliance with all applicable laws and regulations.

Page 119: Taking Care Of Your Battery

Slide the battery release lock to the locked position. (Sample Illustration) Locking the battery release lock Turn the computer right side up. Reconnect any cables that were removed in step 3 of “Removing the battery from the computer” on page Restart the computer.

Page 120: Maintaining 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: Disposing Of Used Batteries

Please be kind to our shared environment. Check with your local government authority for details regarding where to recycle old batteries or how to dispose of them properly. If you cannot find the information you need elsewhere, call Toshiba at: (800) 457-7777. Mobile Computing Disposing of used batteries...

Page 122: 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 cords, and compact discs.

Page 123: 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 notebook 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 124: 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 (Sample Image) Windows Icons An icon represents a folder, file, or program that can be quickly activated by double-clicking the icon.

Page 125 NOTE If you place the cursor over an icon, a popup description of the file contents appears. Your desktop may contain other icons depending on your configuration. See Windows information on each icon and how to use it. Start button You use the Start button to: ❖...

Page 126: 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 modem (available on certain models) ❖ A telephone line ❖...

Page 127: Connecting A Modem To A Telephone Line

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. 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 128: Connecting Your Computer To A Network

Exploring Your Computer’s Features Setting up for communications Connect the other end to the RJ-11 wall jack. (Sample Illustration) Connecting to a wall jack NOTE Connect the built-in modem only to ordinary analog phone lines. Never connect the built-in modem to a digital line (ISDN). Never connect the built-in modem to the digital connector on a public telephone or to a digital private branch exchange (PBX).

Page 129 Exploring Your Computer’s Features Setting up the connection To set up an office connection, consult your network administrator for network settings and additional considerations. To set up a dial-up connection, use the Connect to the Internet Wizard: Click Start, Control Panel, Network and Internet, and then Connect to the Internet.

Page 130: An Overview Of Using The Internet

Exploring Your Computer’s Features An overview of using the Internet Using Wireless LAN connectivity NOTE Wireless connectivity and some features may require you to purchase additional software, external hardware or services. Availability of public wireless LAN access points may be limited. Your system may come with an optional wireless LAN module.

Page 131: The World Wide Web

The World Wide Web The World Wide Web (or “Web”) is a subset of the Internet—a collection of interlinked documents (located on computers connected to the Internet) that work together using a specific Internet protocol called Hypertext Transfer Protocol (HTTP). The World Wide Web offers information as text, images, audio, or video to be referenced from anywhere in the world.

Page 132: Surfing The Internet

Exploring Your Computer’s Features An overview of using the Internet Surfing the Internet Once connected to the Internet, the Web browser displays a home page, for example, your ISP’s home page on the Internet or your company’s Web site home page. To visit a desired Web site, type in the Web address.

Page 133: Uploading To, And Downloading Files From, The Internet

Uploading to, and downloading files from, the Internet Transferring files from one computer to another is termed uploading (transferring data from your computer to a site on the Web), or downloading (transferring data from a site on the Web to your computer).

Page 134: Using External Speakers Or Headphones

Exploring Your Computer’s Features Web Cam Using external speakers or headphones Your computer is equipped with a full stereo sound system with internal speakers. Instead of using the internal speakers, you can connect headphones or a pair of external stereo speakers. Before putting on headphones to listen, turn the volume down.

Page 135: Using An Expresscard

Using an ExpressCard (Available on certain models) The ExpressCard use of ExpressCard media. The slot also supports hot swapping, which allows you to replace one ExpressCard with another while the computer is on. Inserting an ExpressCard Before you insert an ExpressCard comes with the card to see if you need to do anything before you insert it.

Page 136: Using The Bridge Media Adapter Slot

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.

Page 137: Inserting Memory Media

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 Do not remove memory media while data is being written or read. Even when the Windows to the media might still be in progress and your data could be destroyed. Wait for the indicator light to go out. ®...

Page 139: Chapter 5: Toshiba Utilities

TOSHIBA Assist ❖ Toshiba Application Installer ❖ Supervisor password ❖ User password ❖ TOSHIBA PC Diagnostic Tool Utility ❖ TOSHIBA SD™ Memory Card Format Utility ❖ Mouse Utility ❖ Toshiba Hardware Setup ❖ TOSHIBA Zooming Utility ❖ TOSHIBA Button Support ❖...

Page 140: Toshiba Assist

Toshiba Utilities TOSHIBA Assist 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 141: Connect

Connect The features available in this category are: ❖ ConfigFree™ ❖ Bluetooth ❖ Bluetooth (Sample Image) TOSHIBA Assist window – Connect tab Connectivity Doctor ® Settings ® Local COM Settings Toshiba Utilities TOSHIBA Assist...

Page 142: Secure

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

Page 143: Protect & Fix

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

Page 144: Optimize

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

Page 145: Toshiba Application Installer

Toshiba Application Installer (Available on certain models) 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 Windows Click Next.

Page 146: 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 147: 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 148: 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 149: Deleting A User Password

The TOSHIBA Assist window appears. On the left side, click the Secure tab. Click the User Password icon. The Password tab of the Toshiba Hardware Setup window appears. (Sample Image) Password tab of Hardware Setup window Select Registered, then click OK.

Page 150: Toshiba Pc Diagnostic Tool Utility

Refer to the online Help documentation within the application for additional help. NOTE The TOSHIBA PC Diagnostic Tool 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 151: Toshiba Sd™ Memory Card Format Utility

This utility is used to format SD 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 152: Mouse Utility

Toshiba Utilities Mouse Utility Mouse Utility The Mouse utility allows you to change your pointing device or mouse settings. 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 The Mouse Properties screen appears.

Page 153: Toshiba Hardware Setup

Windows ❖ Click Start, All Programs, Toshiba, Utilities, and then HWSetup, or click the Toshiba Hardware Setup icon in the Optimize tab of The Toshiba Hardware Setup screen appears. (Sample Image) Toshiba Hardware Setup screen – General tab...

Page 154

Toshiba Utilities Toshiba Hardware Setup ❖ CPU—Allows you to enable or disable CPU frequency switching modes (available on certain models) 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: ❖...

Page 155: Toshiba Zooming Utility

The zoom in and zoom out hot keys will now work with the applications you selected. To zoom in, hold down the down the key and press For more information about how to use the TOSHIBA Zooming utility, right-click the click Help. TOSHIBA Zooming Utility “Changing screen resolution” on ®...

Page 156: Toshiba Button Support

Toshiba Utilities TOSHIBA Button Support TOSHIBA Button Support TOSHIBA Button Support

allows you to customize the Internet browser button and the Media button. These buttons are located above the keyboard. To access TOSHIBA Button Support: Click the TOSHIBA Button Support icon in the Optimize...

Page 157: Cd/Dvd Drive Acoustic Silencer

Click Set Quiet Mode to make the drive run more slowly and quietly for listening to music or audio files on a CD. Click Set Normal Mode to run the drive at normal speed for transferring data. CD/DVD Drive Acoustic Silencer ® Assist. Toshiba Utilities session. If you shut down,...

Page 158: Toshiba Accessibility

Toshiba Utilities TOSHIBA Accessibility TOSHIBA Accessibility The TOSHIBA Accessibility utility allows you to use the 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 press it once, release it, and then press a function key to activate the hot key function.

Page 159: Fingerprint Utility Limitations

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 160: Fingerprint Logon

Toshiba Utilities Fingerprint Authentication Utility NOTE If you do not use a Windows define a new (non-empty) one. This is not necessary, but a password improves the security of your software. If your system supports power-on security, a Power-on button is also displayed above each enrolled fingerprint.

Page 161: Power-On Security

Windows password. NOTE Your hardware must support Power-on security to use the single logon feature. You must have administrative privileges to change settings. Toshiba Utilities Fingerprint Authentication Utility ® operating system ® logon...

Page 162: Control Center

Toshiba Utilities Fingerprint Authentication Utility To enable power-on security single logon: Open the Control Center and go to Settings - System Settings. Check the Allow power-on security single sign-on check box. (Logon support must be enabled for this option to be accessible.)

Page 163

Inspector dialog where you can see the contents of your fingerprint storage. Help ❖ Get help information—Displays this help. The help files in other languages (depending on your installation) are located in the mui subfolder of your installation folder. About ❖ About icon—Displays version information. Toshiba Utilities...

Page 164: Password Bank

Toshiba Utilities Fingerprint Authentication Utility Elevate Administrative Privileges for User ❖ Elevate administrative privileges for user.—By default, the operating system assumes you are a user and not an administrator, and renders most of the system settings in the Control Center gray and unavailable. To access these system settings, click “Elevate administrative privileges”...

Page 165

If only one form is registered for the page (regardless of how many forms the page has), that registration is replayed. ❖ If the page has multiple registered forms, and one of the registered forms is active, the active form is replayed. Toshiba Utilities...

Page 166

Toshiba Utilities Fingerprint Authentication Utility ❖ If the page has multiple registered forms, but there is no active form, all existing registered forms for the page are displayed. You then select the one to be replayed. Replaying a registered dialog You are logged on to the computer and want to replay a registered dialog.

Page 167: Care And Maintenance Of Your Fingerprint Reader

Select a registration. Click Delete. How to Delete the Fingerprint Data Fingerprint data is stored in the non-volatile memory. If the computer changes ownership, Toshiba recommends the

following procedure: Click Start, All Programs, Protector Suite QL, and then Control Center.

Page 168

Toshiba Utilities Fingerprint Authentication Utility Observe the following before you swipe your finger on the reader, whether for fingerprint enrollment/registration or recognition. ❖ Wash and dry your hands thoroughly. ❖ Remove static electricity from your fingers by touching any metal surface. Static electricity is a common cause of reader failures, especially during dry seasons such as winter.

Page 169: Fingerprint Reader Limitations

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: Getting Started

ConfigFree. ❖ Double-click the ConfigFree icon ❖ 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 then click the desired utility. NOTE If your computer is not connected to a network, the ConfigFree icon in the Notification Area is displayed with an “X.”...

Page 171

TCP/IP settings—includes DHCP, IP address, subnet mask, default gateway, DNS server, and WINS server settings ❖ Personal firewall settings for Internet connections ❖ ® Bluetooth Security Level (for example, high or medium) ❖ Enable UAC (User Account Control) setting Toshiba Utilities ConfigFree™ ® starts ® antennas...

Page 172

Toshiba Utilities ConfigFree™ To create a profile: Click the 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. icon in the Notification Area.

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

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

The Windows 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 ❖ 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 ❖...

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 conflict or a general hardware problem, try using Windows and Support to troubleshoot the problem first.

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.

Page 181: Memory Problems

❖ 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 B is the bottom slot. Slot A 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 that shipped 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 Display problems Here are some typical display problems and their solutions: The screen is blank. Display Auto Off may have gone into effect. Press any key to activate the screen. You may have activated the instant password feature by pressing simultaneously.

Page 185

The built-in screen flickers. Some flickering is a normal result of the way the screen produces colors. To reduce the amount of flickering, try using fewer colors. To change the number of colors displayed: Right-click in a blank area of the Windows Click Personalize, and then Display Settings.

Page 186: Disk Drive Problems

If Something Goes Wrong Resolving a hardware conflict Disk drive problems Problems with the hard disk or with a diskette drive usually show up as an inability to access the disk or as sector errors. Sometimes a disk problem may cause one or more files to appear to have garbage in them.

Page 187: Optical Drive Problems

Your data files are damaged or corrupted. Refer to your software documentation for file recovery procedures. Many software packages automatically create backup files. You may also be able to recover lost data using utility software. Consult your network administrator. Some programs run correctly but others do not. This is probably a configuration problem.

Page 188: Sound System Problems

If Something Goes Wrong Resolving a hardware conflict You press the disc eject button, but the drive tray does not slide out. Make sure the computer is connected to a power source and turned on. The optical drive eject mechanism requires power to operate. Make sure a program is not accessing the drive and preventing it from ejecting.

Page 189: Expresscard™ Problems

The computer emits a loud, high-pitched noise. This is feedback between the microphone and the speakers. It occurs in any sound system when input from a microphone is fed to the speakers and the speaker volume is too loud. Adjust the volume control.

Page 190 If Something Goes Wrong Resolving a hardware conflict Double-click the appropriate ExpressCard. The operating system displays your ExpressCard's Properties dialog box, which contains information about your ExpressCard configuration and status. The computer stops working (hangs) when you insert an ExpressCard™. The problem may be caused by an I/O (input/output) conflict between the PCMCIA socket and another device in the system.

Page 191: Printer Problems

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. Some printers will not start printing when there are just two or three sheets of paper left in the tray.

Page 192: Wireless Networking Problems

Wi-Fi will be lit). NOTE To determine if your computer has an internal Wi-Fi the device list in Device Manager (part of the Windows Panel, Hardware and Sound). Some Toshiba models may have a ® Wi-Fi ® Wi-Fi ❖...

Page 193 Verify that the Service Set Identifier (SSID), or network name, is correct—i.e., that it matches the SSID assigned to the access point you are attempting to connect through. SSIDs are case- sensitive. Toshiba provides a Client Manager utility for setting and managing SSIDs. ❖...

Page 194 If Something Goes Wrong Resolving a hardware conflict ❖ Use the PING command to verify a connection to the gateway at 192.168.1.1 (a default gateway for most wireless routers). Click Start to open the Start menu. Type At the top-left of the Start menu, click Enter Enter If "Request Timed Out"...

Page 195: Dvd Operating Problems

"Checking device properties" on page 180 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 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. To disable the screen saver: Right-click on the desktop and click Personalize in the menu.

Page 197: Data And System Configuration Backup In The Windows Operating System

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 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 automatically stamps it with the current date and time, and displays a message that the restore point was successfully created.

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

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 Office and Adobe toolbars for your web browser).

Page 201: If You Need Further Assistance

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. If Something Goes Wrong...

Page 202: Contacting Toshiba

Toshiba's Technical Support Web site For technical support, or 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 Toshiba voice contact Before calling Toshiba, make sure you have: ❖...

Page 203: Toshiba's Worldwide Offices

Germany Japan Toshiba Corporation, PCO-IO 1-1, Shibaura 1-Chome Minato-Ku, Tokyo, 105-8001 Japan Mexico Toshiba de México S.A. de C.V. Sierra Candela No.111, 6to. Piso Col. Lomas de Chapultepec. CP 11000 Mexico, DF. United Kingdom Toshiba Information Systems (U.K) Ltd. Toshiba Court...

Page 204

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

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 modify the following system functions: ❖...

Page 206: Using The Hot Key Cards

To use the Hot Key Cards using the pointing device: Move the cursor to the top center edge of the screen. 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.

Page 207: Application Cards

169. Bluetooth settings This Application Card launches your Bluetooth settings. Disc Creator utility This Application Card launches the TOSHIBA Disc Creator utility. Toshiba Hardware Setup utility For more information, refer to Hardware Setup" on page TOSHIBA Button Support utility For more information, refer to Support"...

Page 208: Using The Application Cards

208). To use the Card Case: Move the cursor to the top center edge of the screen. The TOSHIBA Cards appear at the top of the screen. An icon appears momentarily in the top-right corner. Click the (Sample Image) Starting Card Case "Using the Application Cards"...

Page 209

To enable a card, drag it from the top row to the bottom row. To disable a card, drag it from the bottom row to the top row. To close the Card Case, click the corner of the screen. Hot Keys/TOSHIBA Cards Application Cards icon in the top-right...

Page 210: Hot Key Functions

Hot keys have a legend on the key indicating the option or feature the key controls. 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.

Page 211: Password Security

Password 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 ❖ ❖ hot key function activates instant security. The user Fn + F1 logon screen will appear and a user with a valid account will need to log back on to gain access to the computer.

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

Sleep mode This TOSHIBA Card or hot key places the computer into Sleep mode. For more information about Sleep mode, please see and configuring Sleep mode" on page Selecting this Card or pressing the hot key displays the following options: (Sample Image) Sleep options ❖...

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: Display Modes

Display modes This TOSHIBA Card or hot key cycles through the power- on display options. The display modes are: ❖ ❖ ❖ ❖ ❖ ❖ ❖ To use a simultaneous mode, you must set the resolution of the internal display panel to match the resolution of the external display device.

Page 216: Display Brightness

Hot Keys/TOSHIBA Cards Hot key functions 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. Selecting this Card or pressing either hot key displays the...

Page 217: Disabling Or Enabling Wireless Devices

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: ❖ ❖ ❖ ❖ Selecting this Card or pressing the hot key displays the following options: (Sample Image) Wireless communication options ❖...

Page 218: Disabling Or Enabling The Touchpad Or Dual Mode Pad

Hot Keys/TOSHIBA Cards Hot key functions Disabling or enabling the TouchPad This TOSHIBA Card or hot key enables/disables either the TouchPad or the Dual Mode Pad. For more information on using the TouchPad or Dual Mode Pad, see Dual Mode Pad" on page...

Page 219: Changing Screen Resolution

Hot Keys/TOSHIBA Cards Hot key functions Changing screen 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

Hot Keys/TOSHIBA Cards Hot key functions Keyboard hot key functions This hot key turns the Zooming utility to zoom-out. This hot key turns the Zooming utility to zoom-in.

Page 221: Appendix B: Power Cord/Cable Connectors

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

Page 222: 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 DIMM alternating current basic input/output system bits per second compact disc compact disc read-only memory compact disc rewrite memory...

Page 223 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 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 225 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 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. device driver — A program (called a "driver") that permits a computer to communicate with a device.

Page 228 Glossary 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). See also diskette, high-density diskette. download — (1) In communications, to receive a file from another computer through a modem or network. (2) To send font data from the computer to a printer.

Page 229 — The physical components of a computer system. Compare software. Hibernation — 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 230 Glossary hot key — (1) A feature in which certain keys in combination with the key can set system options or control system parameters, such as the battery save mode. (2) A key or combination of keys that activates a memory resident program. hot swapping —...

Page 231 local area network — See LAN. logical drive — A section of a disk that is recognized by the operating system as a separate disk drive. A system's logical drives may differ from its physical drives. For example, a single hard disk drive may be partitioned into two or more logical drives.

Page 232 Glossary non-system disk — A disk for storing programs and data that cannot be used to start the computer. Compare system disk. 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 233 port — A socket on the computer where you plug in a cable for connection to a network or a peripheral device. 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.

Page 234 Glossary select — To highlight or otherwise specify text, data, or graphics with the intent to perform some operation on it. serial — Processes that occur one at a time. In communications, it means the transmission of one bit at a time sequentially over a single channel.

Page 235 Web — See World Wide Web. ® Wi-Fi — A registered trademark term of the Wi-Fi Alliance that stands for Wireless Fidelity, and is another term for the communication protocol to permit an Ethernet connection using wireless communication components. World Wide Web

(www) — The worldwide network of Web sites linked together over the Internet.

Page 236: Index

182 notification 112 power plan 212 power plan hot key 115 real-time clock (RTC) 106 removing 116 BIOS Setup see Toshiba Hardware Setup Bridge Media Adapter inserting memory media 137 removing memory media 137 button power 47 start 125...

Page 237 network connection 128 set up 126 compact disc positioning 100 compact discs handling 100 inserting 99 removing 103 compact disk drive using 97 computer caring for 86 cleaning 86 moving 86 non-system disk or disk error message 176 not accessing disk drives 175 running on battery power 105 setting up 41 warning resume failure message...

Page 238 Index ExpressCard checklist 189 computer stops working 190 errors 190 hot swapping fails 190 inserting 135 not recognized 190 problem solving 189 removing 135 external monitor not working 185 mouse 74 external diskette drive connecting 76 external display, adjusting 74 FAT (File Allocation Table) 186 file extensions 95 file, backing up 88...

Page 239 RJ-11 128 S/PDIF 70 keyboard character keys 90 function keys 90 hot keys 220 not working 175 special Windows® keys 91 troubleshooting 183 using 89 keyboard, external 74 lock computer, using 87 main battery removing 116 memory adding 48 problem solving 181 removing expansion slot cover 50 memory module inserting 51...

Page 240 185 checking device properties 180 computer hangs when ExpressCard inserted 190 computer will not power up 174 contacting Toshiba 201 corrupted/damaged data files 187 Device Manager 180 disk drive is slow 186 display is blank 184 ExpressCard 189...

Page 241 127 television adjusting display 74 connecting 69 Toshiba registering computer 42 worldwide offices 203 TOSHIBA Assist 140 Toshiba Hardware Setup 153 Toshiba online resources 104 Toshiba utilities 139 traveling tips 122 troubleshooting DVD player general problems 195 external keyboard 183...

Page 242 Index Wi-Fi® wireless networking 130 Windows Media® Player 101 Windows® Explorer 92 Windows® operating system Help and Support 179 problem solving 177 Windows® operating system desktop Windows® Start menu 91 wireless networking 130 Wizards Dial-Up Networking Wizard 128 World Wide Web 131 www 131...

This manual is also suitable for:

P205-s7469P205-s7476P205-s7482P205-s6297P205-s7484P205-s8811 ... Show all