Toshiba P500-ST5801 User Manual

P500-st5801 user's guide

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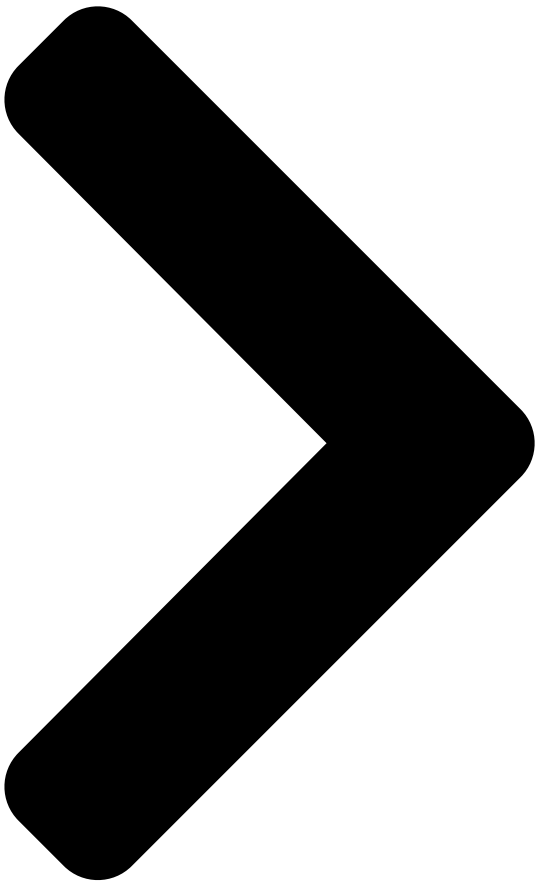

Satellite

User's Guide

If you need assistance:

Toshiba's Support Web site

pcsupport.toshiba.com

Toshiba Customer Support Center
Calling within the United States (800) 457-7777
Calling from outside the United States (949) 859-4273
For more information, see
page 184

TOSHIBA
Leading Innovation

P500 Series

in this guide.
"If Something Goes Wrong" on
GMAD00205011
05/09

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Related Manuals for Toshiba P500-ST5801

Laptop Toshiba Satellite P500 Maintenance Manual

Personal computer (288 pages)

Laptop Toshiba Satellite P500 Maintenance Manual

(288 pages)

Laptop Toshiba P505 S8970 - Satellite - Core 2 Duo 2.2 GHz User Manual

User's guide for satellite p500/p505 series (253 pages)

Laptop Toshiba M500-ST54E2 User Manual

M500-st54e2 user's guide (252 pages)

Laptop Toshiba Satellite P500 User Manual

(227 pages)

Laptop Toshiba Satellite P500 User Manual

Portable personal computer (223 pages)

Laptop Toshiba Satellite P500-BT2G22 User Manual

Portable personal computer (213 pages)

Laptop Toshiba Satellite P5001 User Manual

(208 pages)

Laptop TOSHIBA Satellite P500 User Manual

Portable personal computer (208 pages)

Laptop TOSHIBA P500 User Manual

Portable personal computer (202 pages)

Laptop Toshiba Satellite P500-BT2G22 Resource Manual

Toshiba satellite p500-bt2g22: reference guide (60 pages)

Laptop Toshiba Satellite P505D-S8935 Specifications

Toshiba satellite p505d-s8935: specifications (4 pages)

Laptop Toshiba Satellite P505-S8940 Specifications

Toshiba satellite p505-s8940: specifications (4 pages)

Laptop Toshiba Satellite P505-S8945 Specifications

Toshiba satellite p505-s8945: specifications (4 pages)

Laptop Toshiba Satellite P505-S8950 Specifications

Toshiba satellite p505-s8950: specifications (4 pages)

Laptop Toshiba Satellite P500-ST68X2 Specifications

Toshiba satellite p500-st68x2: specifications (4 pages)

Summary of Contents for Toshiba P500-ST5801

Page 1 Satellite User’s Guide If you need assistance: Toshiba’s Support Web site pcsupport.toshiba.com Toshiba Customer Support Center Calling within the United States (800) 457-7777 Calling from outside the United States (949) 859-4273 For more information, see page 184 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 Customer Support Center: 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 Customer Support Center 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: Wireless Lan And Your Health

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 Canada – Industry Canada (IC) This device complies with RSS 210 of Industry Canada. The installer of this radio equipment must ensure that the antenna is located or pointed such that it does not emit RF field in excess of Health Canada limits for the general population;...

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 VCCI Class B Information 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 12 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 13: Device Authorization

FH: This equipment uses FH-SS modulation. The interference range of this equipment is less than 10m. This equipment uses a frequency bandwidth from 2,400 MHz to 2,483.5 MHz. 3.

TOSHIBA Direct PC Monday – Friday: 10:00 – 17:00 Toll Free Tel: 0120-15-1048 Direct Dial: 03-3457-4850...

Page 14 Approved Countries/Regions for the Intel Link 5100/5300 Series 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. Andorra Austria Belgium Brazil Cambodia Chile Costa Rica...

Page 15 Qatar Russia San Marino Singapore South Africa Sweden Taiwan Ukraine Uruguay Venezuela Zimbabwe Approved Countries/Regions for the Atheros Wireless Wi-Fi Link AR5B95 Series This equipment is approved to the radio standard by the countries/regions in the following table. Do not use this equipment except in the countries/regions in the following table.

Page 16 Montenegro Nepal Nicaragua Papua New Guinea Poland Qatar Saudi Arabia Singapore South Africa Sri Lanka Taiwan UAE (United Arab Emirates) Uruguay Vietnam Approved Countries/Regions for the Atheros Wireless Wi-Fi Link AR5B93 Series This equipment is approved to the radio standard by the countries/regions in the following table.

Page 17 Malta Montenegro Nepal Nicaragua Papua New Guinea Portugal Romania Senegal Slovak Republic Spain Switzerland UAE (United Arab Emirates) Uruguay Vietnam 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 18 Poland Russia Slovenia Sweden UAE (United Arab Emirates) Uruguay 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 19 Nederland: License required for outdoor installations. Check with reseller for procedure to follow. Licentie verplicht voor gebruik met buitenantennes. Neem contact op met verkoper voor juiste procedure. Europe - Restrictions for Use of 5 GHz Frequencies in European Community Countries European Community Countries Austria...

Page 20 radar detection feature will automatically restart operation on a channel free of radar. You may consult with the local technical support staff responsible for the wireless network to ensure the Access Point device(s) are properly configured for European Community operation. 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...

Page 21 Approved Countries/Regions for the Realtek 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 Austria Bangladesh Bosnia and Herzegovina Canada Colombia Cyprus Ecuador...

Page 22 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).

Page 23 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 24: 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 25: 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. Argentina Belgium...

Page 26: 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 27 Never attempt to disassemble, adjust or repair an 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.

Page 28 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 29 Systems Incorporated in the United States and/or other countries. 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.

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Page 38: 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...

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(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 40: 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 41: 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 42: Your Computer's Features And Specifications

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 System icons 184.

Page 43: 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 44: 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.

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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” section in the “Instruction Manual for Safety and Comfort”...

Page 46: 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 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

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 white 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...

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: Turning On The Power

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. Any small bright dots that may appear on your display are an intrinsic characteristic of the TFT manufacturing technology.

Page 52: Setting Up Your Software

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

Page 53: Adding Optional External Devices

Adding optional external devices NOTE Before adding external devices or memory, Toshiba recommends setting up your software. See After starting your computer for the first time you may want to: Add more memory (see page Connect a mouse (see Connect a full-size keyboard (see keyboard"...

Page 54: 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(s) may be hot.

Page 55 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. Start (Sample Image) Shut Down menu Click Shut Down.

Page 56 Getting Started Adding memory (optional) Using a small Phillips screwdriver, loosen the captive screws that secure the memory module slot cover. Front of computer (Sample Illustration) Removing the memory module slot cover Remove the memory module slot cover. Place the screws and the cover in a safe place so that you can retrieve them later.

Page 57 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 58 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 59: Removing A Memory 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. Replace the memory module slot cover and secure it using the screws.

Page 60 Getting Started Adding memory (optional) NOTE The following screen may appear when you turn on the power: If “Start Windows 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 which time Windows When Safe Mode is suggested, this could be a sign that you may...

Page 61: Checking Total Memory

Gently lift the memory module to a 30-degree angle and slide it out of the slot. Front of computer (Sample Illustration) Removing the memory module Replace the memory module slot cover and secure it using the screws. Re-insert the main battery. For more information on inserting the main battery, see Turn the computer right side up.

Page 62: Recovering The Internal Storage Drive

Getting Started Recovering the Internal Storage Drive NOTE From time to time, Windows “Windows feature to prevent programs or people from doing things on your computer without your permission. If you were trying to perform the action, click Continue; otherwise, click Cancel. If unsure, cancel and try again.

Page 63: Recovering To Out-Of-Box State (Recommended Recovery Method)

For more information on creating recovery media, see page The Toshiba Recovery Wizard also provides the option of erasing your internal storage drive, without restoring the information on the drive. See more information.

Page 64 Click Yes to continue. (Sample Image) Warning screen When the Toshiba Recovery Wizard opens and the Selecting a process screen displays, select Recovery of Factory Default Software and then click Next. (Sample Image) Selecting a Process screen...

Page 65: Recovering To A Custom Size Partition

The Recovery of Factory Default Software screen appears. Select Recover to out-of-box state. (Sample Image) Recovery of Factory Default Software screen Click Next. A confirmation message displays reminding you that all data will be lost during the recovery process. Be sure to save your work to external media before proceeding.

Page 66 Getting Started Recovering the Internal Storage Drive The “Recover to a custom size partition” option restores your C: drive to its out-of-box state, and allows you to specify the size for the C: partition. You can resize and recover the C: drive using the utilities stored on your computer’s internal storage drive or using recovery media, if you have created recovery discs.

Page 67 Recovering the Internal Storage Drive When the Toshiba Recovery Wizard opens and the Selecting a process screen displays, select Recovery of Factory Default Software and then click Next. (Sample Image) Selecting a Process screen The Recovery of Factory Default Software screen appears.

Page 68: Recovering Without Changing The Internal Storage Drive Partitions

Getting Started Recovering the Internal Storage Drive Click Next. A confirmation message displays reminding you that all data will be lost during the recovery process. Be sure to save your work to external media before proceeding. Click Next to begin the recovery. When the process is complete, a message displays indicating that the C: drive has been recovered.

Page 69 Click Yes to continue. (Sample Image) Warning screen When the Toshiba Recovery Wizard opens and the Selecting a process screen displays, select Recovery of Factory Default Software and then click Next. (Sample Image) Selecting a Process screen...

Page 70: Creating Recovery Media

If your optical disc drive is not a writable drive, contact Toshiba Customer Support to obtain the Recovery media for your system. The Toshiba Customer Support Center in the United States is (800) 457-777; outside the United States it is (949) 859-4273.

Page 71: Restoring From Recovery Media

To create recovery DVDs: Click Start, All Programs, Toshiba, Recovery, and then Recovery Disc Creator. Select DVD (to create Recovery media on DVD). Select the items you want to copy to DVD by clicking the check box next to each item's Name—recovery files, applications (original bundled drivers and applications), or both the recovery files and applications.

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A warning screen appears, stating that when the recovery is executed all data will be deleted and rewritten. Click Yes to continue. When the Toshiba Recovery Wizard opens and the Selecting a Process screen displays, select Recovery of Factory Default Software and then click Next.

Page 73: Erasing The Internal Storage Drive

"Recovering the Internal Storage Drive" on page To delete all data and partitions from the internal storage drive: Access the Toshiba Recovery Wizard on your internal storage drive or on your recovery DVDs. To access the Recovery Wizard on your internal storage drive: Press and hold the 0 (zero) key while powering on the computer.

Page 74

Getting Started Erasing the Internal Storage Drive Choose one of the following options on the Erase the hard disk screen: Delete all data and partitions from the hard disk—This option deletes all of the data on the internal storage drive without overwriting the drive.

Page 75: Checking The Internal Storage Drive Operating Status

Highlight the internal storage 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: Click Start, All Programs, Toshiba, Recovery, and then TOSHIBA Application Installer.

Page 76: Scrolling With The Touchpad

Getting Started Using 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 77: Using External Display Devices

Using external display devices Your computer comes with a built-in display, but you can also connect the following types of external display devices to the video ports described below: An HDMI™-compatible television or VCR/DVD player via the HDMI Out port An external monitor or projector via the RGB (monitor) port (Sample Illustration) Side of system (Sample Illustration) Side of system...

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CE Industry which allows devices to work together over an HDMI cable. Toshiba computers with HDMI-CEC include a Toshiba utility (that may need to be installed via the Toshiba Application Installer). To access the 152. The HDMI-CEC utility is dedicated to take advantage of its...

Page 79: Directing The Display Output When You Turn On The Computer

Click OK. NOTE In the future you can change the display settings by pressing or by configuring the display properties settings. 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.

Page 80: Adjusting The Quality Of The External Display

Getting Started Using an external keyboard Swap—Switch primary display between internal display and external monitor when using extended desktop (Sample Image) Display options

window Release the 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.

Page 81: Connecting A Printer

Connecting a printer NOTE Your printer documentation may require you to install the printer software before physically connecting the printer to your computer. If you do not install the software as instructed by the printer manufacturer, the printer may not function correctly. Read the documentation that came with your printer.

Page 82: Setting Up A Printer

Getting Started Turning off the computer Setting up a printer NOTE Some printers require a specific installation process. Refer to your printer installation guide for instructions before completing the following procedure. If your printer does not support Plug and Play, follow these steps to set it up for the first time.

Page 83: Options For 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 84

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 85: Using The Shut Down Command

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. Use the following steps to turn off your computer using the Shut Down command: Click Start, and then click the arrow next to the Lock button in...

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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 87: Using And Configuring Hibernation Mode

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 white.

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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 89: 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 90

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 91

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. NOTE These options can be set separately for how they operate while the computer is running on battery power or while connected to AC...

Page 92: Closing The Display Panel

Getting Started Customizing your computer's settings 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 white.

Page 93: Moving 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 94

Getting Started Caring for your computer 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 95: 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 96

Learning the Basics Computing tips Back up your files to external 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 97: Using The Keyboard

Using the keyboard Your computer's keyboard contains character keys, control keys, function keys, and special Windows (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 98: Function Keys

Learning the Basics Starting a program Function keys The function keys (not to be confused with the keys at the top of the keyboard. (Sample Illustration) Function keys through programmed functions when pressed. Used in combination with the key, function keys marked with icons execute specific functions on the computer.

Page 99: Starting A Program From The Start Menu

Starting a program from the Start menu When you install a program, the operating system usually puts an icon in the All Programs menu. To start a program that has an icon in the All Programs menu, follow these steps, which use the ®...

Page 100: Starting A Program Using The Start Search Field

Learning the Basics Starting a program In the left part of the window, click the line that ends in "Local Disk (C:)." In the left part of the window, under the Local Disk C: icon, double-click the folder containing the program, in this case Program Files.

Page 101: Saving Your Work

Saving your work Before you turn off the computer using the Shut Down command, save your work on the internal storage drive, diskette, flash media, or optical disc. This is one of the most important rules of computing. When you turn off the computer using the Sleep or Hibernate commands, your work should be there when you resume.

Page 102: Printing Your Work

Learning the Basics Printing your work HINT: To make another copy of the file you are currently working with, click File, and then Save As, and give the new file a different name. 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.

Page 103: Backing Up Your Work

In your Windows 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. Click Print. Backing up your work Back up all the files you create in case something happens to your computer.

Page 104: Restoring Your Work

Learning the Basics Using the optical drive Restoring your work To restore information from your backup media to your internal storage drive, use the Restore page in the backup program. Look in the online Help or your operating system documentation for information on restoring files.

Page 105: Optical Drive Components

Optical drive components The optical drive is located on the side of the computer. The media control buttons are located along the side of the keyboard and can be accessed when the display panel is open. Depending on the type of drive on your computer, the procedure to insert and remove optical discs may differ.

Page 106: Media Control Buttons

Learning the Basics Using the optical drive Media control buttons The media control buttons located along the side of the keyboard let you mute the sound and play audio CDs or DVD movies when the computer is on. Media button Previous track button Volume control (Sample Illustration) Media control buttons...

Page 107: Removing A Disc (Slot-Type Drive)

If the disc is dusty, clean it as described in discs" on page With the label facing up, carefully place the disc partially into the slot until the disc stops or the drive starts pulling the disc in. (Sample Illustration) Positioning the disc in the drive Use only standard (12 cm) CD or DVD Discs.

Page 108: Inserting An Optical Disc (Tray-Type Drive)

Learning the Basics Using the optical drive Inserting an optical disc (tray-type drive) (Available on certain models) 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. Eject button—Press to release the disc tray.

Page 109

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 discs" on page 112.

Page 110: Playing An Audio Cd

Using the optical drive 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 111: Removing A Disc With The Computer On (Tray-Type Drive)

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 112: 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 113: 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 114: Running The Computer On Battery Power

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

Page 115: 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 116: 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 117: Monitoring Main Battery Power

To recharge the RTC battery, plug the computer into a live electrical outlet and leave the computer powered on for 24 hours. 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 118: Determining Remaining Battery Power

Mobile Computing Monitoring main battery power HINT: Be careful not to confuse the battery light (light (the keyboard). When the ON/OFF light or power button light flashes amber, it indicates that the system is suspended (using the Windows operating system Sleep command).

Page 119: What To Do When The Main Battery Runs Low

Move the cursor over the power icon in the Notification Area, see "Finding your way around the desktop" on page 132 information on 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.

Page 120: 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 121: Power Plans

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 Use the Windows These power-saving options control the way in which the computer is configured.

Page 122: 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 123: Using Toshiba Eco Mode

(Sample Illustration) Locating the eco utility button The TOSHIBA eco Utility monitors your power savings from using eco Mode by tracking real-time power consumption and accumulated savings over time. To learn how to access the utility, “TOSHIBA eco Utility”...

Page 124: 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 125: Inserting A Charged Battery

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. Always dispose of used battery packs in compliance with all applicable laws and regulations.

Page 126

Mobile Computing Changing the main battery If the battery does not slide into the slot easily, move the battery release lock to the unlocked position and try again. Do not force the battery into position. (Sample Illustration) Inserting the battery Slide the battery release lock to the locked position.

Page 127: 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 128: Maintaining Your Battery

Mobile Computing Disposing of used batteries 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 129

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 130: 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 131: 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 132: 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 133

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: Start programs Open documents Adjust system settings Find files Access Windows Suspend system activity and shut down the computer NOTE Whenever a procedure in this User’s Guide

instructs you to click...

Page 134: 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 135: Connecting A Modem To A Telephone Line

Accessing a network To access a network: At the office, connect an Ethernet cable to the Network port (RJ45) on your computer. For specific information about connecting to the network, consult your network administrator. Many hotels, airports, and offices offer Wi-Fi computer has Wi-Fi their Wi-Fi While you are at home or traveling, you need a dial-up...

Page 136

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 137: 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 Internet features Uploading to, and downloading files from, the Internet The Internet...

Page 138: 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 139: Uploading To, And Downloading Files From, The Internet

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. Internet news groups A news group is similar to a chat room, but instead of using a dedicated site to converse about a specialized subject with...

Page 140: Exploring Audio Features

Exploring Your Computer’s Features Exploring audio features Exploring audio features You can use your computer to record sounds using the computer’s internal microphone (available on certain models) or an optional external microphone. You can listen to sound files or audio CDs using the built-in speakers, headphones, or external speakers.

Page 141: Using The Web Camera

TECHNICAL NOTE: When using amplified speakers, use speakers that require an external power source. Other types of speakers will be inadequate to produce sound from the computer. To play back sound files through external speakers or headphones: Locate the headphone jack on the computer. Using any necessary adapters, plug the cable from the headphones or external speakers into the headphone jack.

Page 142: Using An Expresscard

Exploring Your Computer’s Features Using an ExpressCard Using an ExpressCard The ExpressCard 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 143: Using The Bridge Media Adapter Slot

Gently press the ExpressCard inward to release it. The ExpressCard pops out slightly. Grasp the ExpressCard and pull it straight out. (Sample Illustration) Removing an ExpressCard Using the

Bridge Media Adapter Slot The Bridge Media Adapter slot supports the use of Memory Stick ®...

Page 144: Removing Memory Media

Exploring Your Computer’s Features Using the Bridge Media Adapter Slot 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. You could expose the storage area to static electricity, which can destroy data.

Page 145: Using The I.link ® Port

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. ® Using the i.LINK ®...

Page 146: Chapter 5: Utilities

TOSHIBA Assist TOSHIBA Application Installer Supervisor password User password TOSHIBA Face Recognition Utility TOSHIBA PC Diagnostic Tool Utility TOSHIBA HDD Protection Utility TOSHIBA SD™ Memory Card Format Utility Mouse Utility TOSHIBA Hardware Setup USB Sleep and Charge Utility...

Page 147: Toshiba Assist

TOSHIBA PC Health Monitor 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, click Start, All Programs, Toshiba, Utilities, and then TOSHIBA Assist.

Page 148: Connect

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

Page 149: Secure

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

Page 150: 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 151: 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 TOSHIBA Accessibility TOSHIBA Face Recognition Utility (Sample Image) TOSHIBA Assist window – Optimize tab Utilities TOSHIBA Assist...

Page 152: 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: Click Start, All Programs, Toshiba, Recovery, and then TOSHIBA Application Installer.

Page 153: 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 154: 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 155: 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 computer.

Page 156: 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 Registered. Enter your password, and then enter it again to verify.

Page 157: Toshiba Face Recognition Utility

Toshiba does not guarantee that the face recognition 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 face recognition software or utility.

Page 158: 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 159: 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 160: 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 161: 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 The Mouse Properties screen appears. (Sample Image) Mouse Properties screen The settings you can change are divided into these categories:...

Page 162: Toshiba Hardware Setup

Windows 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 The TOSHIBA Hardware Setup screen appears. (Sample Image) TOSHIBA Hardware Setup screen – General tab...

Page 163

Button Setting—Lets you set the conditions for the power button and/or the other buttons (Sample Image) TOSHIBA Hardware Setup screen - Button Setting tab options Display—Allows you to change the default settings for the...

Page 164

Utilities TOSHIBA Hardware Setup Illumination—Allows you to set the panel LED and keyboard backlight conditions (available on certain models) (Sample Image) TOSHIBA Hardware Setup screen - Illumination tab options Password—Allows you to set a user password...

Page 165: Usb Sleep And Charge Utility

"USB Sleep and Charge function." It also displays the remaining battery capacity. Starting the USB Sleep and Charge Utility To start this utility click Start, All Programs, Toshiba, Utilities, and then USB Sleep and Charge. USB Sleep and Charge...

Page 166

Utilities USB Sleep and Charge Utility NOTE When "USB Sleep and Charge function" is set to Enabled, USB bus power (DC 5V) will be supplied to the compatible port even when the power of the computer is turned OFF. USB bus power (DC 5V) is similarly supplied to the

external devices which are connected to the compatible ports.

Page 167: Enabling Usb Sleep And Charge

Enabling USB Sleep and Charge This utility can be used to enable or disable the “USB Sleep and Charge function” group. Check the check box for the group to enable the “USB Sleep and Charge function” for the USB port assigned to that group. In the default state, the group is disabled.

Page 168: 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. “Zoom (Display resolution)” on ®...

Page 169: Toshiba Button Support

TOSHIBA Button Support TOSHIBA Button Support allows you to customize the Mute and Media buttons. These buttons are located on the system control panel directly above the keyboard. To access TOSHIBA Button Support: Click the TOSHIBA Button Support icon in the Optimize...

Page 170: Toshiba Accessibility

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 171: 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 172: Care And Maintenance Of Your Fingerprint Reader

Utilities Fingerprint Authentication Utility The Fast User Switching feature of the Windows is also supported. If user A is logged on and the fingerprint utility verifies the fingerprint of user B (who is already enrolled), the utility recognizes the fingerprint and switches the users. If your system supports power-on security, existing fingerprint samples can be used also for power-on authentication.

Page 173: 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 174: Toshiba Eco Utility

The TOSHIBA eco Utility monitors your power savings from using eco Mode by tracking real-time power consumption and accumulated savings over time. To access the TOSHIBA eco Utility, do one of the following: Click Start, All Programs, Toshiba, Utilities, and then eco Utility.

Page 175: Toshiba Service Station

TOSHIBA Service Station The TOSHIBA Service Station helps you keep your new computer running at its best by notifying you when updated software, firmware, documentation or other information is available for your computer. If you have enabled the TOSHIBA Service Station, it will alert you when updates are available, and you can then choose to install the updates if you wish.

Page 176

Utilities TOSHIBA Service Station Choose one of the following options: Accept both Accept TOSHIBA PC Health Monitor only Accept TOSHIBA Service Station only Decline both If you do not want to install either program at this time but you’d like to be reminded to install one or both programs at a later date, click the drop down arrow next to “days”...

Page 177: Toshiba Pc Health Monitor

This information is used to identify and provide a notification of system conditions that may

affect the performance of your Toshiba computer. It may also be used to help diagnose problems should the computer require service by Toshiba or Toshiba's authorized service providers.

Page 178: Enabling The Toshiba Pc Health Monitor

TOSHIBA Service Station. NOTE For more information about the TOSHIBA Service Station, please If the use the TOSHIBA Application Installer to install the TOSHIBA PC Health Monitor. For more information see Installer" on page Click Next to continue.

Page 179 The PC Health Monitor and TOSHIBA Service Station software terms of use display. Read the displayed information carefully. Choose one of the following options: Accept both Accept TOSHIBA PC Health Monitor only Accept TOSHIBA Service Station only Decline both If you do not want to install either program at this time but you'd like to be reminded to install one or both programs...

Page 180: Configfree

Click Start, All Programs, Toshiba, and then 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.

Page 181: Configfree ® Utilities

NOTE If your computer is not connected to a network, the ConfigFree icon in the Notification Area is displayed with an "X." ® ConfigFree Utilities Connectivity Doctor The Connectivity Doctor lets you analyze your network connections and fix network connection problems. Using Connectivity Doctor, you can view detailed network information by simply moving the mouse pointer.

Page 182 Utilities ConfigFree® Profile Settings The Profile Settings utility lets you save network settings in "profiles." ConfigFree network settings and devices. You can switch network settings simply by selecting the profile with the desired settings. If you visit a client company occasionally, for example, you can set up a profile to match that environment and connect to the network.

Page 183 Click Open Settings. The ConfigFree Profile Settings window appears. (Sample Image) ConfigFree Profile Settings window Click Add to start the Create Profile Wizard. Utilities ConfigFree®...

Page 184: 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 185: 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 186 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 187 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 188: The Windows Operating System Is Not Working

If Something Goes Wrong 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 189: Internet Problems

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 Disable Driver Signature Enforcement Start Windows When you highlight each option using the arrow keys, Windows displays information about each option at the bottom after Description.

Page 190: 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 191: Fixing A Problem With Device Manager

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. For an older device, remove it from the computer.

Page 192: 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 193: Power And The Batteries

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 secondary battery, and real-time clock (RTC) battery).

Page 194: 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 195: Display Problems

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 196

If Something Goes Wrong Resolving a hardware conflict 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 197: Disk Or Internal Storage Drive Problems

Disk or internal storage drive problems Problems with the internal storage drive or with a diskette drive usually show up as an inability to access the drive or as sector errors. Sometimes a drive problem may cause one or more files to appear to have garbage in them.

Page 198: Optical Drive Problems (Tray-Type Drive)

If Something Goes Wrong Resolving a hardware conflict 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.

Page 199: Sound System 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 program's needs.

Page 200: Expresscard ® Problems

If Something Goes Wrong Resolving a hardware conflict 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 201

Double-click the appropriate ExpressCard, which will be listed under one of the categories shown, for example: Disk drives, Network adapters, Other, etc. 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 ®...

Page 202: Printer Problems

If Something Goes Wrong Resolving a hardware conflict An ExpressCard Reinsert the card to make sure it is properly connected. If the card is attached to an external device, check that the connection is secure. Refer to the card's documentation, which should contain a troubleshooting section.

Page 203: Modem Problems

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. Wireless networking problems NOTE This section provides general troubleshooting tips for networking...

Page 204

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 Wireless antenna ON/OFF switch even though they do not have an...

Page 205: Dvd Operating Problems

Enter The IP address for each active network adapter will be displayed. Connect your computer directly to your router or broadband modem, by plugging a standard CAT5 Ethernet patch cable (sold separately) into your computer's RJ45 Ethernet port. If your connection problem disappears, the problem lies in the ®...

Page 206: Develop Good Computing Habits

"Checking device properties" on page 191 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 207: Data And System Configuration Backup In The Windows

On a regular basis, back up the information stored on your internal storage drive. Use Windows disc, or external hard disk. Here are some ways you can do this: Use the Windows entire computer to an optical disc, or external hard disk. Copy files to a rewritable external storage device.

Page 208

If Something Goes Wrong Develop good computing habits Saving system configuration with Restore Points The System Restore feature of the Windows quickly creates Restore Points—'snapshots' of your Windows operating system configuration—and saves them for later recall. If you experience problems after installing some new hardware or software, you can easily select a previously established Control Point to 'turn back the clock,'...

Page 209

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 210 If Something Goes Wrong Develop good computing habits Click Start. Click Control Panel. Click System and Maintenance. Click Backup and Restore Center. You can choose to back up some files or the entire computer. Click either Back up files or Back up computer. NOTE If you choose to back up your entire computer, you will be setting up a scheduled backup that will be performed periodically, and will only...

Page 211 Restart the Windows ® Windows operating system after each installation, even if the installation utility does not prompt you to do so. This will ensure that the installation is completed, and will clean up anything that the installation utility left behind. Do one installation at a time.

Page 212: 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 213: 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 214: Other Toshiba Internet Web Sites

Germany Toshiba Europe GmbH Leibnizstraße 2 D-93055 Regensburg 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.

Page 215 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. If Something Goes Wrong Toshiba's worldwide offices United Kingdom Toshiba Information Systems (U.K) Ltd.

Page 216: 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 217: Using The Hot Key Cards

To use the Hot Key Cards: Press and hold the 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 218: Application Cards

TOSHIBA Zooming utility For more information, refer to Zooming Utility" on page 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 219: Using The Application Cards

Using the Application Cards To launch an application using the Application Cards: Press and hold the The TOSHIBA Cards display at the top of the screen. (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 220: Card Case

The Card Case feature allows you to choose which cards appear in the Application Card display (see page 219). To use the Card Case: 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.

Page 221: Volume Mute

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 following options:...

Page 222: 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 hot key function activates instant security. The user...

Page 223: 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 224: 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 and configuring Sleep mode” on page Selecting this Card or pressing the hot key displays the...

Page 225: Hibernation Mode

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 Selecting this Card or pressing the hot key displays the...

Page 226: 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 227: 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 228: 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: Selecting this Card or pressing the hot key displays the...

Page 229: Disabling Or Enabling The Touchpad

Disabling or enabling the TouchPad™ This TOSHIBA Card or hot key enables/disables the TouchPad. For more information on using the TouchPad, see the TouchPad™” on page Selecting this Card or pressing the hot key displays the following options: (Sample Image) Disable or Enable TouchPad options...

Page 230: 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 231: Keyboard Hot Key Functions

Keyboard hot key functions This hot key turns the TOSHIBA Zooming Utility to zoom-out. This hot key turns the TOSHIBA Zooming Utility to zoom-in. This hot key turns the backlit keyboard

off and on. (Available on certain models) Hot Keys/TOSHIBA Cards...

Page 232: Appendix B: Power Cord/Cable Connectors

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. UL approved United Kingdom BS approved Australia AS approved...

Page 233: 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 234 Glossary DSTN DVD-ROM digital versatile (or video) disc read-only memory EPROM HTML IEEE LPT1 MIDI PCMCIA SCSI disk operating system dots per inch dual supertwist nematic digital versatile (or video) disc enhanced capabilities port erasable programmable read-only memory file allocation table Federal Communications Commission gigabyte hard disk drive...

Page 235 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 236 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 237 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 238 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 239 double-click — To press and release the pointing device's primary button rapidly twice without moving the pointing device. In the Windows 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). See also diskette, high-density diskette.

Page 240 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 a storage drive that keeps track of the location of stored files.

Page 241 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 242 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 243 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 244 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 245 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 246 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 247: Index

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