TOSHIBA

Toshiba DX1210-ST4N22 User Manual

Dx1210 series

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

168
169
170
171
172
173
174
175
176
177
178
179
180
181

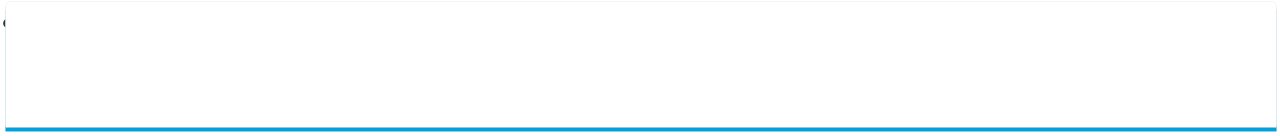

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Table of Contents

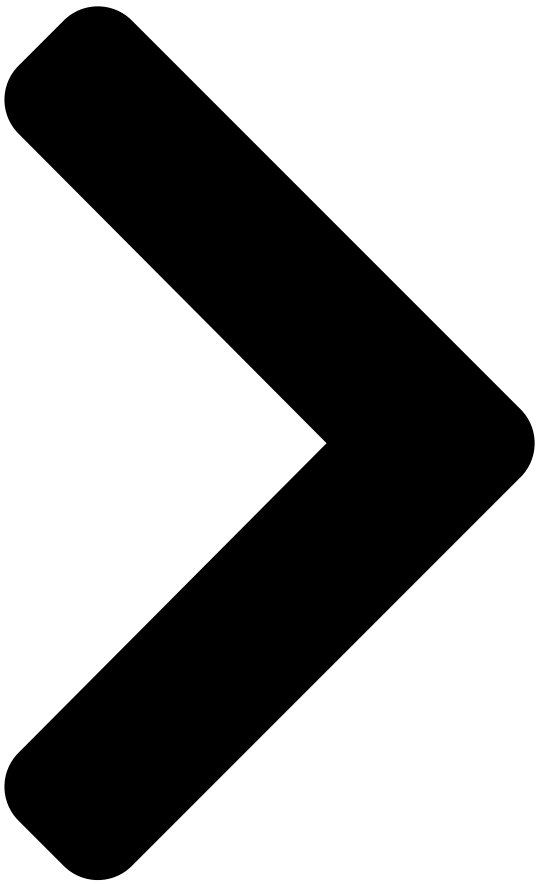
Bookmarks

Quick Links

1 Recovering the Internal Storage Drive

2 Using the Hdmi™ in Port

Download this manual



DX1210 Series User's Guide

If you need assistance:

- Toshiba's Support Web site

support.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 125
in this guide.
"If Something Goes Wrong" on
GMAD00279010
04/11

Table of Contents

Next Page

1
2
3
4
5

Related Manuals for Toshiba DX1210-ST4N22

Desktop Toshiba DX730-ST6N01 User Manual

Dx730-st6n01 user's guide (183 pages)

Desktop Toshiba DX1210 series User Manual

(168 pages)

Desktop Toshiba Qosmio DX730 Series User Manual

(157 pages)

Desktop Toshiba DX 730 User Manual

(142 pages)

Desktop Toshiba STOR.E CANVIO User Manual

3.5" (8.9cm) desktop (239 pages)

Desktop Toshiba dynaEdge DE-100 Series User Manual

(138 pages)

Desktop Toshiba A200 Series User Manual

Toshiba portable personal computer user's manual (154 pages)

Desktop Toshiba Satellite L300 Maintenance Manual

(252 pages)

Desktop Toshiba TECRA M9 Maintenance Manual

(386 pages)

Desktop Toshiba Canvio Home User Manual

(50 pages)

Desktop Toshiba PORTÉGÉ M700 Maintenance Manual

(410 pages)

Desktop Toshiba Satellite A300 Maintenance Manual

(263 pages)

Desktop Toshiba Tecra A3 Maintenance Manual

Personal computer (202 pages)

Desktop Toshiba Qosmio PX30t Series User Manual

(149 pages)

Desktop Toshiba Libretto 100CT User Manual

User manual (236 pages)

Desktop Toshiba BMS-SM1280ETLE Service Manual

Smart manager with data analyzer (54 pages)

Summary of Contents for Toshiba DX1210-ST4N22

Page 1 DX1210 Series User’s Guide If you need assistance: ❖ Toshiba’s Support Web site support.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 125 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: Wireless Interoperability

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 5: Regulatory Information

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

Page 6 Approved Countries/Regions for the Atheros 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. Albania Austria Bangladesh Bosnia Bulgaria Chile Croatia...

Page 7: Bluetooth Wireless Technology Interoperability

Bluetooth wireless technology other than TOSHIBA computers. Always use Bluetooth cards from TOSHIBA in order to enable wireless networks over two or more (up to a total of seven) TOSHIBA 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 support.toshiba.com in the United States for more information.

Page 8 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. Albania Austria...

Page 9: Bluetooth Wireless Technology And Your Health

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 10: Regulatory Statements

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. Location of the Required Label (Sample shown below. Location of the label and manufacturing information may...

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Page 12 Blu-ray and Blu-ray Disc are trademarks of the BD Association. 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 13: Table Of Contents

Contents Introduction... 19 This guide ...21 Safety icons ...22 Other icons used...22 Your computer’s features and specifications ...23 Other documentation ...23 Service options ...23 Chapter 1: Getting Started... 24 Setting up a work environment ...24 Keeping yourself comfortable ...25 Precautions...25 Important information on your computer’s Setting up your computer ...26 Connecting to a power source ...27...

Page 14 Contents Registering your computer with Toshiba ...30 Adding optional external

devices...30 Adding memory (optional) ...31 Installing a memory module ...31 Removing a memory module...36 Checking total memory ...38 Recovering the Internal Storage Drive ...39 Recovering to out-of-box state Recovering of factory default software Recovering without changing the internal Recovering to a custom size partition ...47...

Page 15 Playing optical media ...85 Recording optical media ...86 Removing a disc with the computer on...86 Removing a disc with the computer off ...87 Caring for optical discs ...87 Toshiba's online resources ...87 ® keys ...76 programs and files field ...78 Contents...

Page 16 Power management ...88 Charging the RTC battery...89 Power Plans...90 Using a hot key to set the Power Plan...91 Using the TOSHIBA eco power plan...91 Using the TOSHIBA eco power plan...92 Chapter 4: Exploring Your Computer's Features... 93 Exploring the desktop ...93 Finding your way around the desktop ...94...

Page 17 TOSHIBA PC Diagnostic Tool Utility...114 Mouse Utility ...115 TOSHIBA Hardware Setup...116 TOSHIBA Sleep Utility ...117 Starting the TOSHIBA Sleep Utility...117 USB Sleep and Charge ...117 Enabling/Disabling USB Sleep and Power supply mode settings...118 USB Sleep and Music...119 TOSHIBA Button Support...120 TOSHIBA Accessibility ...121...

Page 18 DVD and Blu-ray Disc™ operating problems...138 Develop good computing habits ...139 Data and system configuration backup in If you need further assistance...144 Before you contact Toshiba ...144 Contacting Toshiba ...145 Other Toshiba Internet Web sites...146 Toshiba's worldwide offices...146 Appendix A: Hot Keys/TOSHIBA Cards...148 Hot Key Cards ...148...

Page 19: Introduction

You can wake the computer from Sleep mode by pressing the power button. See the "Computing" section of the Toshiba User's Guide for more information on using power management settings to conserve energy. According to the EPA, a computer meeting the new ENERGY ®...

Page 20 (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 21: This Guide

Toshiba's Web site at support.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 22: 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 23: 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 support.toshiba.com. If you have a problem or need to contact Toshiba, see Goes Wrong" on page Introduction...

Page 24: 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 "Safety Instruction Manual," that is shipped with your computer, contains important safety information. Please read the safety instructions carefully and make sure you fully understand the instructions before you attempt to use your computer in order to avoid potential hazards that could cause bodily injury, property...

Page 25: Keeping Yourself Comfortable

❖ Rapid changes in temperature or humidity and sources of temperature change such as air conditioner vents or heaters. ❖ Extreme heat, cold, or humidity. ❖ Liquids and corrosive chemicals. Keeping yourself comfortable The Safety Instruction Manual, included with your computer, contains helpful information for setting up your work environment and tips for working comfortably throughout the day.

Page 26: Important Information On Your Computer's Cooling Fan

Getting Started Setting up your computer Handle discs carefully. Avoid touching the surface of the disc. Grasp it by its center hole and edge. If you handle the disc incorrectly, you could damage the disc and possibly lose data. ❖ Scan all new files for viruses.

Page 27: Connecting To A Power Source

Always use the TOSHIBA AC adaptor that was provided with your computer, or use AC adaptors specified by TOSHIBA to avoid any risk of fire or other damage to the computer. Use of an incompatible AC adaptor could cause fire or damage to the computer possibly resulting in serious injury.

Page 28 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 29: 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. Adjust the display to a comfortable viewing angle. Small bright dots may appear on your screen display when you turn on your computer.

Page 30: Setting Up Your Software

NOTE To register online, you must be connected to the Internet. Adding optional external devices NOTE Before adding external devices, Toshiba recommends first setting up the software. After starting your computer for the first time you may want to: ❖...

Page 31: Adding Memory (Optional)

You may want to increase the computer’s memory if you use complex software or process large amounts of data. NOTE Before adding external devices, Toshiba recommends first setting up the software. Installing a memory module Memory modules can be installed in the memory module slots on the back of the computer.

Page 32 Getting Started Adding memory (optional) The computer has two memory slots—Slot A and Slot B. You can install one or two memory modules. Before you install or remove a memory module, turn off the computer using the Start menu. If you install or remove a memory module while the computer is in Sleep or Hibernation mode, data will be lost.

Page 33 Using a small Phillips screwdriver, loosen the captive screw that secures the memory module slot cover. Back of monitor (Sample Illustration) Removing the memory module slot cover Remove the memory module slot cover. Place the screw and the cover in a safe place so that you can retrieve them later.

Page 34 Getting Started Adding memory (optional) 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. Pick up the memory module by its sides, avoiding any contact with its connector.

Page 35 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 36: Removing A Memory Module

Getting Started Adding memory (optional) 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 37 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 38: Checking Total Memory

Getting Started Adding memory (optional) Replace the memory module slot cover and secure it using the screw. 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 39: Recovering The Internal Storage Drive

NOTE From time to time, Windows you want to allow the following program to make changes to this computer?” This is a security 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;...

Page 40: Recovering To Out-Of-Box State (Recommended Recovery Method)

See DVDs/media” on page 50 DVDs/media” on page NOTE ❖ 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 41 “Recovery of Factory Default Software with user’s data” option is selected in the next step. 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.

Page 42: Recovering Of Factory Default Software With User's Data

Using “Recovery of Factory Default Software with user’s data” recovers your internal storage drive to factory default state and attempts to save C:\Users data to C:\Backup. Toshiba does not guarantee successful data back-up. Please make a complete back up of your data to external media before executing the recovery. For...

Page 43 Make sure the computer is turned off. While powering on your computer, press the initial TOSHIBA screen displays. The boot menu appears. Using the arrow keys to scroll down, select the HDD Recovery option, and then press the...

Page 44 Wizard will “attempt” to save all data. There is a risk that the Toshiba Recovery Wizard may not be able to save all data during the recovery process. Toshiba does not guarantee successful data back up. Be sure to save your work to external media before executing the recovery (see “Backing up your work”...

Page 45: Recovering Without Changing The Internal Storage Drive Partitions

To recover using the utilities on your computer’s internal storage drive: Make sure the computer is turned off. While powering on your computer, press the initial TOSHIBA screen displays. The boot menu appears. Using the arrow keys to scroll down, select the HDD Recovery option, and then press the Recovering the Internal Storage Drive 81).

Page 46 “Recovery of Factory Default Software with user’s data” option is selected in the next step. 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.

Page 47: Recovering To A Custom Size Partition

The Recovery of Factory Default Software screen appears. Select Recover without changing the hard drive partitions. (Sample Image) Recovery of Factory Default Software screen Click Next. A confirmation message displays reminding you that all data on the C: drive will be lost during the recovery process. Be sure to save your work to external media before proceeding (see “Backing

up your work”...

Page 48 Make sure the computer is turned off. While powering on your computer, press the initial TOSHIBA screen displays. The boot menu appears. Using the arrow keys to scroll down, select the HDD Recovery option, and then press the...

Page 49 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 50: Creating Recovery Dvds/Media

Getting Started Recovering the Internal Storage Drive Use the on-screen arrow buttons in The size of drive C: field to set the partition size. 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 (see your work”...

Page 51 Recovering the Internal Storage Drive To create recovery DVDs/media: Click Start, All Programs, TOSHIBA, and then Recovery Media Creator. The TOSHIBA Recovery Media Creator dialog box displays. (Sample Image) TOSHIBA Recovery Media Creator dialog box Select DVD or USB Flash from the drop-down list next to “System Recovery Media,”...

Page 52: Restoring From Recovery Dvds/Media

Getting Started Recovering the Internal Storage Drive Click the Create button in the TOSHIBA Recovery Media Creator utility dialog box. Follow the on-screen prompts to complete the copy process. NOTE If you are copying the recovery files to DVDs, be sure to label each DVD in the set sequentially (for example, “1 of 3,”...

Page 53 “Recovery of Factory Default Software with user’s data” option is selected. 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 54: Erasing The Internal Storage Drive

For more information, “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/media. ❖...

Page 55 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 56: 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.

Page 57: Selecting Video Cables

Selecting video cables To connect a device to the HDMI™ In port, you must purchase an HDMI™ cable. 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.

Page 58: 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 59: 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 60: Using The Shut Down Command

Getting Started Turning off the computer 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 61 Click the Shut down button in the lower-right corner of the Start menu. The computer closes all open programs, shuts down the operating system, and then turns off. 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.

Page 62: Using And Configuring Hibernation Mode

Getting Started Turning off the computer Double-click Power buttons to display the actions that you can configure. (Sample Image) Advanced settings tab of Power Options screen Select the options you want from the drop-down lists. ❖ Power button action Set this option to Shut down if you want the computer to shut down when you press the power button.

Page 63 Click Change plan settings under the power plan to be customized. The Edit Plan Settings window appears. (Sample Image) Edit Plan Settings screen Click Change advanced power settings. The Advanced settings tab of the Power Options window appears. Double-click Sleep to display the actions to be configured. Double-click Allow hybrid sleep to show the Setting option.

Page 64 Getting Started Turning off the computer Click Hibernate in the pop-up menu. The computer saves the state of all open programs and files, turns off the display, and then turns off. Configuring Hibernation mode options You can place the computer into Hibernation mode by pressing the power button.

Page 65 Double-click Power buttons to display the actions that you can configure.‘ (Sample Image) Advanced settings tab of Power Options screen Select Hibernate for the options you want. ❖ Power button action Set this option to Hibernate if you want the computer to go into Hibernation mode when you press the power button.

Page 66: Using And Configuring Sleep Mode

Getting Started Turning off the computer Using and configuring Sleep mode To turn off the computer using the Sleep command: Click Start, and then click the arrow next to the Shut down button in the lower-right corner of the Start menu. Start button (Sample Image) Shut down menu Click Sleep in the pop-up menu.

Page 67 Click Change plan settings under the power plan to be customized. The Edit Plan Settings window appears. (Sample Image) Edit Plan Settings screen To change the amount of time after which the computer enters Sleep mode: ❖ Under Put the computer to sleep, select the desired amount of time in the Plugged in category.

Page 68 Getting Started Turning off the computer Double-click Power buttons to display the actions that you can configure. (Sample Image) Advanced settings tab of Power Options screen Select Sleep for the options you want. ❖ Power button action Set this option to Sleep if you want the computer to go into Sleep mode when you press the power button.

Page 69: Customizing Your Computer's Settings

Customizing your computer’s settings There are several ways in which you can customize your computer to suit your particular requirements. Refer to your operating system documentation or Help and Support for details. You may also wish to customize your power usage settings. For more information, see additional custom settings you can choose.

Page 70: 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 71: 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, you will lose all work since you last saved.

Page 72: Using The Wireless Mouse

Learning the Basics Using the wireless mouse ❖ Use Error-checking and Disk Defragmenter regularly to check and optimize disk space and improve performance. ❖ Scan all new files for viruses. This precaution is especially important for files you receive via external media, email, or download from the Internet.

Page 73: Replacing The Batteries

Replacing the batteries Batteries are required to power the wireless mouse. The battery light glows red when the battery power is low. To replace the batteries: Save your work and turn the mouse upside down. Battery cover Mouse ON/OFF switch (Sample Illustration) Mouse underside Slide the mouse ON/OFF switch on the underside to the OFF position.

Page 74: Using The Wireless Keyboard

Learning the Basics Using the wireless keyboard Using the wireless keyboard Your computer comes with a wireless keyboard. The wireless receiver comes installed on your computer. (Sample Illustration) Keyboard Replacing the batteries Batteries are required to power the wireless keyboard. The battery light glows red when the battery power is low.

Page 75: Keyboard Functions

Slide the keyboard ON/OFF switch to the ON position. If a 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. Put insulating tape, such as cellophane tape, on the electrode during transportation to avoid a possible short circuit, fire or electric shock.

Page 76: Ctrl, Fn, And Alt Keys

Learning the Basics Touch screen Ctrl, Fn, and Alt keys (Sample Illustration) Ctrl, Fn, and Alt keys , and Ctrl program you are using. For more information, see your program documentation. Function keys The function keys (not to be confused with the keys at the top of the keyboard.

Page 77: Starting A Program

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

Page 78: Starting A Program Using The Search Programs And Files Field

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

Page 79

Saving files Click on the arrow in the upper-left corner of your ® Windows -based application to display the drop-down menu, and then click Save. 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 80: Printing Your Work

Learning the Basics Printing your work ® Microsoft Word file. Creating your own extension is usually unwise, since the program is unlikely to recognize a strange extension and may refuse to handle your file correctly. TECHNICAL NOTE: By default, the Windows not show file extensions.

Page 81: Backing Up Your Work

Backing up your work Back up all the files you create in case something happens to your computer. You can back up your files to different types of media such as CDs, DVDs, external storage media, or to a network, if available.

Page 82: Using The Optical Disc Drive

Learning the Basics Using the optical disc drive Using the optical disc drive Optical storage is a popular medium for software, music, and video. Digital versatile discs or Blu-ray™ Discs provide a significant increase in data storage and support features that were not available on previous video platforms.

Page 83: Optical Disc Drive Components

❖ If you want to use the internal speakers, click on the Speakers tab and click Set Default. ❖ Use the arrow keys on your keyboard to navigate within the Blu-ray Disc™ player console. NOTE Use of a mouse is not supported within the Blu-ray Disc™ player. Optical disc drive components The optical disc drive is located on the side of the computer.

Page 84 Learning the Basics Using the optical disc drive Make sure the drive's in-use indicator light is off. Press the drive's eject button. The disc tray slides partially out of the 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.

Page 85: 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 86: Recording Optical Media

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 disc 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 87: Removing A Disc With The Computer Off

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 88: Chapter 3: 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 can use it for longer periods.

Page 89: Charging The Rtc Battery

Charging the RTC battery Your computer has an internal real-time clock (RTC) battery. The RTC battery powers the System Time Clock and BIOS memory used to store your computer's configuration settings. When fully charged, it maintains this information for up to a month when the computer is powered off.

Page 90: Power Plans

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

Page 91: Using A Hot Key To Set The Power Plan

For example, when this power plan is enabled, the brightness of the display is reduced and the interval before Sleep mode takes effect is shortened. To enable or disable the TOSHIBA eco power plan, see The TOSHIBA eco Utility™ monitors your power savings from using the eco

power plan by tracking real-time power consumption and accumulated savings over time.

Page 92: Using The Toshiba Eco Power Plan

For example, when this power plan is enabled, the brightness of the display is reduced and the interval before Sleep mode takes effect is shortened. To enable or disable the TOSHIBA eco power plan, press the eco Utility™ button.

Page 93: 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 can use its features to start programs, find documents, set up system components, and perform most other computing tasks.

Page 94: 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 95

❖ TECHNICAL NOTE: If you delete a large number of files or very large files from the internal storage drive, there may be insufficient space available in the Recycle Bin to hold these files. In this case, Windows delete the file(s) or cancel the deletion. ❖...

Page 96: Setting Up For Communications

Exploring Your Computer’s Features Setting up for communications Taskbar Each time you open a program, a button associated with that program appears on the taskbar. With some programs, a button appears on the taskbar for each document or window you open. You can use these buttons to quickly switch between the programs or windows.

Page 97: Connecting Your Computer To A Network

(RJ45) on your computer. For specific information about connecting to the network, consult your network administrator. ❖ Click on the TOSHIBA wireless LAN indicator icon (available on certain models) on the upper right side of the logon screen to view the networks you are currently connected to.

Page 98: Using External Speakers Or Headphones

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

Page 99: Using The Web Camera

Using the Web Camera (Available on certain models.) Your computer may come with a built-in Web Camera. With this Web Camera you can do the following: ❖ Take pictures and record videos with your computer ❖ Chat with others and have them see you while using instant messaging (IM) programs ❖...

Page 100: Inserting Memory Media

Exploring Your Computer’s Features Using the Memory card reader NOTE Do not use the Copy Disk function for this type of media. To copy data from one media to another, use the drag-and-drop feature of the Windows Inserting memory media The following instructions apply to all types of supported media devices.

Page 101: Toshiba Remote Control

Toshiba remote control (Available on certain models.) Your computer may have shipped with a remote control. You can use your Toshiba remote control to play music and videos, to view pictures, and to watch television programs using the Windows Media Center.

Page 102: Using The Toshiba Remote Control

If your computer is powered on, turn it off or place it in Hibernation mode. Using the Toshiba remote control, press the green Start button. The first time you start Windows Continue on the setup page, and then select Custom.

Page 103: Chapter 5: Utilities

❖ TOSHIBA Assist ❖ TOSHIBA Application Installer ❖ Supervisor password ❖ User password ❖ TOSHIBA Face Recognition Utility ❖ TOSHIBA PC Diagnostic Tool Utility ❖ Mouse Utility ❖ TOSHIBA Hardware Setup ❖ TOSHIBA Sleep Utility ❖ TOSHIBA Button Support...

Page 104: Toshiba Assist

❖ TOSHIBA PC Health Monitor 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, Support & Recovery, and then TOSHIBA Assist.

Page 105: Secure

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

Page 106: Protect & Fix

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

Page 107: Optimize

❖ Mouse Utility ❖ TOSHIBA Hardware Setup ❖ TOSHIBA Button Support ❖ TOSHIBA Accessibility ❖ TOSHIBA Face Recognition Utility ❖ TOSHIBA Sleep Utility ❖ TOSHIBA eco Utility™ (Sample Image) TOSHIBA Assist window – Optimize tab Utilities TOSHIBA Assist (Hardware Settings)

Page 108: 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, Support & Recovery, and then TOSHIBA Application Installer.

Page 109: 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 110: 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 111: 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 112: Deleting A User Password

Utilities Setting passwords To register a password for the power-on password functions: Click Start, All Programs, TOSHIBA, Support & Recovery, and then TOSHIBA Assist. The TOSHIBA Assist window appears. On the left side, click the Secure tab. Click the User Password icon.

Page 113: 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 114: 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: Click Start, All Programs, TOSHIBA, Support &...

Page 115: Mouse Utility

The settings you can change are divided into these categories: ❖ Buttons ❖ Pointers ❖ Pointer Options ❖ Wheel ❖ Hardware You may see additional categories depending on your particular pointing device. Adjust the settings as desired, then click OK. Utilities Mouse Utility TOSHIBA Assist.

Page 116: Toshiba Hardware Setup

TOSHIBA Hardware Setup is the TOSHIBA configuration management tool available through the Windows system. To access it: ❖ Click Start, All Programs, TOSHIBA, Tools & Utilities, and then HWSetup, or click the TOSHIBA Hardware Settings icon in the Optimize tab of The TOSHIBA HWSetup screen appears.

Page 117: Toshiba Sleep Utility

USB port that supports the “USB Sleep and Charge function.” Starting the TOSHIBA Sleep Utility To start this utility, click Start, All Programs, TOSHIBA, Tools & Utilities, and then Sleep Utility. USB Sleep and Charge...

Page 118: Enabling/Disabling Usb Sleep And Charge

If your device does not charge in Auto Mode, try using Alternate Mode. To select a different charging mode, use the Power supply mode drop-down list in the utility. (Sample Image) TOSHIBA Sleep Utility screen NOTE With certain external devices, the USB Sleep and Charge function may not work no matter which charging mode you select.

Page 119: Usb Sleep And Music

USB Sleep and Music Your Toshiba computer may be equipped with the “Sleep and Music” feature that allows you to listen to music stored on a portable audio device using the speakers of your computer, even when the computer is powered OFF. Power OFF includes Sleep Mode, Hibernation Mode, or shutdown state.

Page 120: Toshiba Button Support

Utilities TOSHIBA Button Support TOSHIBA Button Support TOSHIBA Button Support allows you to customize the eco button. This button is 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 121: 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 122: Toshiba Eco Utility

The TOSHIBA eco Utility™ monitors your power savings from using the eco power plan 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, Tools & Utilities, and then eco Utility.

Page 123: Toshiba Service Station

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 124

Utilities TOSHIBA PC Health Monitor You may disable the TOSHIBA PC Health Monitor at any time by uninstalling the software via the Windows will automatically delete all

collected information from the internal storage drive. The TOSHIBA PC Health Monitor software does not extend or modify TOSHIBA's obligations under its standard limited warranty in any way.

Page 125: 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 126: Problems When You Turn On The Computer

If Something Goes Wrong Problems when you turn on the computer Select the program you want to close, then click End Task. Closing the failed program should allow you to continue working. If it does not, continue with the next step. Close the remaining programs one by one by selecting the program name, then End Task.

Page 127: The Windows Operating System Is Not Working

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

Page 128: Internet Problems

If Something Goes Wrong The Windows ❖ 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. See your Windows NOTE If your computer is connected to a network, the Startup menu may display different versions of Safe mode.

Page 129: Fixing A Problem With Device Manager

You can connect to Support Online by clicking the Ask button and then clicking Microsoft Customer Support or by going to Toshiba support at support.toshiba.com. Fixing a problem with Device Manager Device Manager provides a way to check and change the configuration of a device.

Page 130: Memory Problems

If Something Goes Wrong Memory problems Memory problems Incorrectly connected or faulty memory modules may cause errors that seem to be hardware or even software related. It is worthwhile checking for these first: Click Start, and then click the Shut down button in the lower-right corner of the Start menu.

Page 131: Keyboard Problems

Keyboard problems NOTE To capture a print screen of the entire screen, press the key. To capture only the active window displayed, press simultaneously pressing the If, while typing, strange things happen or nothing happens, the problem may be related to the keyboard itself. You have connected an external keyboard and the operating system displays one or more keyboard error messages.

Page 132: Disk Or Storage Drive Problems

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

Page 133: Optical Disc Drive Problems

Click Start. Error-checking tests and repairs the storage drive. Your hard disk seems very slow. If you have been using your computer for a long time, your files may have become fragmented. Run Disk Defragmenter. To do this, click Start, All Programs, Accessories, System Tools, and then Disk Defragmenter.

Page 134

For more information regarding supported optical media formats, refer to the complete detail specifications for your computer at support.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 135: Sound System Problems

Check that the volume control on the computer is turned up. If you are using external headphones or speakers, check that they are securely connected to your computer. If Something Goes Wrong Sound system problems ® player or "TOSHIBA DVD Player" for DVD to see if volume mute is disabled.

Page 136: Printer Problems

If Something Goes Wrong Printer problems The computer emits a loud, high-pitched noise. This is feedback between the microphone and the speakers. Make sure you have connected the microphone to the microphone jack and the speakers to the headphone jack. Adjust the volume control. Printer problems This section lists some of the most common printer problems.

Page 137: Wireless Networking Problems

® adapter is recognized by the Windows these will be very helpful if you should confer with . For more information see one other than the private address of ®) networking. ® adapter, ® “Hot Keys/TOSHIBA Cards” on ®...

Page 138: Dvd And Blu-Ray Disc™ Operating Problems

If Something Goes Wrong DVD and Blu-ray Disc™ operating problems Type 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.

Page 139: Develop Good Computing Habits

“Checking device properties” on page 129 on using Device Manager to view the optical disc drive properties. Check the Toshiba Web site for new information on optical disc drives and their operation. A blank screen appears while watching a DVD-ROM or BD-ROM movie or title.

Page 140: Data And System Configuration Backup In The Windows Operating System

If Something Goes Wrong Develop good computing habits On a regular basis, back up the information stored on your internal storage drive. Use Windows disc, USB drive, or external hard disk. Here are some ways you can do this: ❖ Use the Windows entire computer to an optical disc, USB drive, or external hard disk.

Page 141

Saving system configuration with restore points The System Restore feature of the Windows quickly creates restore points operating system configuration you experience problems after installing some new hardware or software, you can easily select a previously established Control Point to ‘turn back the clock,’ restoring the Windows system to the state it was in just prior to the installation.

Page 142

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

Page 143

For more help, click Start, Help and Support, and search for “back up files.” 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, optical disc drive writers, scanners, etc.) and software (applications like ®...

Page 144: If You Need Further Assistance

( ) icon. ❖ USB Sleep and Charge may be disabled. Open the TOSHIBA Sleep Utility to check if the feature is disabled and to enable it if necessary. For more information, see USB Sleep and Charge”...

Page 145: 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 support.toshiba.com. Toshiba voice contact

Before calling Toshiba, make sure you have: ❖...

Page 146: Other Toshiba Internet Web Sites

If Something Goes Wrong Other Toshiba Internet Web sites Other Toshiba Internet Web sites toshiba.com us.toshiba.com accessories.toshiba.com www.toshiba.ca www.toshiba-Europe.com www.toshiba.co.jp/index.htm support.toshiba.com acclaim.toshiba.com Toshiba's worldwide offices Australia Toshiba (Australia) Pty. Limited 84-92 Talavera Road North Ryde NSW 2113 Sydney Australia France Toshiba Systèmes (France) S.A.

Page 147

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 Mexico Toshiba de México S.A. de C.V.

Page 148: 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. Hot Key Cards The Hot Key Cards are used to set or modify the following system functions: ❖...

Page 149: 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 Select the desired option. The selected Card is displayed full-size with its available options below it.

Page 150: Volume Mute

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

Page 151: Lock (Instant Security)

Lock (Instant security) This TOSHIBA Card or hot key blanks the display. Selecting this Card or pressing the hot key displays the following options: Fn + (Sample Image) Security options ❖ ❖ hot key function activates instant security. The user...

Page 152: 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 153: 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:...

Page 154: 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 155: Display Brightness

Display brightness This TOSHIBA Card decreases or increases the screen brightness. This hot key decreases the screen brightness. Fn + This hot key increases the screen brightness. Fn + Selecting this Card or pressing either hot key displays the following options:...

Page 156: 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 157: 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: Fn + [Space bar] (Sample Image) Screen resolution options Cycle through the screen resolutions, then select the desired...

Page 158: Keyboard Hot Key Functions

Hot Keys/TOSHIBA Cards Hot key functions Keyboard hot key functions Fn + This hot key takes a snapshot of your display screen. Fn + This hot key allows you to zoom out. Fn + This hot key allows you to zoom in.

Page 159: 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 160: 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 BD-ROM CD-ROM CD-RW CMOS COM1 COM2 Alternating Current Basic Input/Output System Blu-ray Disc Read-Only Memory bits per second Compact Disc Compact Disc Read-Only Memory...

Page 161 DIMM Dual Inline Memory Module Disk Operating System Dots Per Inch Digital Versatile (or Video) Disc DVD-ROM Digital Versatile (or Video) Disc Read-Only Memory EPROM Erasable Programmable Read-Only Memory eSATA external Serial Advanced Technology Attachment File Allocation Table Federal Communications Commission gigabyte Hard Disk Drive HDMI...

Page 162 Glossary SDRAM 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 163 backup—A copy of a file, usually on a removable disk, kept in case the original file is lost or damaged. Basic Input/Output System (BIOS)—See BIOS. 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).

Page 164 Glossary cache—A section of very fast memory in which frequently used information is duplicated for quick access. Accessing data from cache is faster than accessing it from the computer's main memory. See also CPU cache, L1 cache, L2 cache. CD—An individual compact disc. See also CD-ROM. CD-ROM (Compact Disc Read-Only Memory)—A form of high-capacity storage that uses laser optics instead of magnetic means for reading data.

Page 165 CPU cache—A section of very fast memory residing between the CPU and the computer's main memory that temporarily stores data and instructions the CPU will need to execute commands and programs. See also cache, L1 cache, L2 cache. cursor—An on-screen symbol (usually a flashing vertical line) that indicates the position where characters will appear when you enter data.

Page 166 Glossary document—Any file created with an application and, if saved to disk, given a name by which it can be retrieved. See also file. double-click—To press and release the pointing device's primary button rapidly twice without moving the pointing device. In the Windows operating system, this refers to the pointing device's left button, unless otherwise stated.

Page 167 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 168 HDMI cables. See also HDMI. 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 169 LAN (Local Area Network)—A group of computers or other devices dispersed over a relatively limited area and connected by a communications link that enables any device to interact with any other on the network. LED (Light Emitting Diode)—A solid state lamp (SSL) that uses light-emitting diodes (LEDs) as the source of light, which offers long life and high efficiency output.

Page 170 Glossary motherboard—The computer's main circuit board that contains the processor, memory, and other primary components. MS-DOS prompt—See system prompt. multi-function drive—A DVD drive that can read and write to CD and DVD media. multimedia—A combination of two or more media, such as sound, animation, and video in a computer program or presentation.

Page 171 password—A unique string of characters entered by a user to verify his or her identity to the computer or the network. PC Card—A credit-card-sized expansion card designed to increase the capabilities of computers. PC Cards provide functions such as modem, fax/modem, hard disk drive, network adapter, sound card, or SCSI adapter.

Page 172 Glossary Random Access Memory—See RAM. Read-Only Memory—See ROM. reboot—See boot, restart. removable disk—A disk that can be removed from a disk drive. A Flash drive is one example of a removable disk. resolution—A measure of the sharpness of the images that can be produced by a printer or displayed on a screen.

Page 173 shortcut—See keyboard shortcut. Sleep—A feature of some Windows to turn off the computer without exiting your open applications and to continue from where you left off when you turn the computer on again. software—See program. Compare hardware. solid state drive —A data storage device that utilizes solid-state memory as opposed to a hard disk (see also hard disk).

Page 174 Glossary 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 175: Index

97 backing up files 71 battery charging the real-time clock (RTC) 89 power plan 152 BIOS Setup see TOSHIBA Hardware Setup Blu-ray Disc™ using 82 button eco Utility™ 92 eject, optical disc drive 83 power 29 Shut down 32...

Page 176 Index computing habits troubleshooting 139 computing tips 71 configuring Hibernation mode 62 Hibernation mode options 64 Sleep mode 66 Sleep mode options 66 connecting AC adaptor cord to (DC-IN) 28 computer to a network 97 power cord/cable 28 connecting 27 power source 28 connection set up 97...

Page 177 69 network accessing 97 connecting your computer 97 networking wireless 96 notification area 96 online resources Toshiba 87 optical disc Auto-Run feature 85 caring for 87 handling 85 inserting 83 playing optical media 85 positioning 84 Index...

Page 178 Hibernate 64 using Sleep 66 safety 25 connecting 57 setting up 58 troubleshooting 136 USB-compatible 57 contacting Toshiba 145 Startup options 127 checking internal storage drive operating status 56 creating recovery DVDs/media erasing internal storage drive 54 installing drivers and applications...

Page 179 Sleep mode 68 Startup menu problem solving 127 supervisor password, deleting 111 supervisor password, set up 110 system indicator lights drive in-use indicator 83 LEDs 29 taskbar 96 tips for computing 71 Toshiba online resources 87 registering computer Toshiba Web site 30...

Page 180 TOSHIBA Assist 104 Optimize tab 107 Protect & Fix tab 106 Secure tab 105 TOSHIBA Button Support 120 TOSHIBA eco power plan 91 TOSHIBA eco Utility™ 122 TOSHIBA Face Recognition Utility TOSHIBA Hardware Setup 116 TOSHIBA PC Diagnostic Tool Utility...

Page 181 91 Memory card reader 99 optical disc drive 82 Shut down command 60 Sleep mode 66 TOSHIBA eco power plan 91 Web Camera 99 using the wireless mouse 72 Utilities 103 warranty standard limited warranty 23...

This manual is also suitable for:

Dx1215-d2103Dx1210-st4n23Dx1215-d2101