Toshiba A20-S259 User Manual

A20-s259 user's guide

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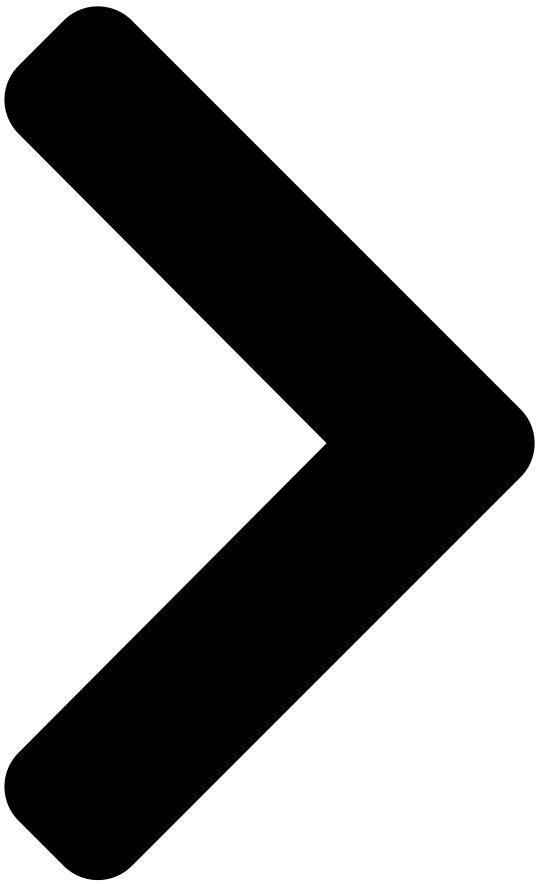
Bookmarks

Quick Links

1 Front with the Display Closed

Download this manual

See also: Maintenance Manual



Satellite A200/A205 Series

User's Guide

If you need assistance:

- Toshiba Global Support Centre
- Calling within the United States (800) 457-7777
- Calling from outside the United States (949) 859-4273
- For more information, see page 208

Handling the cord on this product will expose you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm. Wash hands after handling.

® in this guide.

"If Something Goes Wrong" on

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Related Manuals for Toshiba A20-S259

Desktop Toshiba A20-S259 - Satellite - Pentium 4 2.66 GHz Maintenance Manual

Maintenance manual (513 pages)

Laptop Toshiba A20-S259 Specification Sheet

Satellite a20 series (12 pages)

Laptop Toshiba satellite A20 series Maintenance Manual

(495 pages)

Laptop Toshiba PSA20 User Manual

Toshiba portable personal computer user's manual (244 pages)

Laptop Toshiba Satellite A25 Resource Manual

Toshiba laptop resource guide (56 pages)

Laptop Toshiba Satellite A20 Series Field Replaceable Unit Documentation

(12 pages)

Laptop Toshiba Satellite A25-S279 Specifications

Satellite a25 series (9 pages)

Laptop Toshiba Satellite A25-S2792 Specifications

Satellite a25 series (9 pages)

Laptop Toshiba Satellite A20-S207 Specifications

Satellite a20 series (9 pages)

Laptop Toshiba Satellite A205-S4577 Resource Manual

Toshiba satellite a205-s4577: reference guide (56 pages)

Laptop TOSHIBA Satellite A200 Series User Manual

Toshiba notebook computer (227 pages)

Laptop Toshiba SATELLITE A200 Maintenance Manual

Personal computer (186 pages)

Laptop Toshiba A200 series User Manual

(194 pages)

Laptop TOSHIBA Satellite A200 Series User Manual

Toshiba satellite a200/satellite pro a200 series portable personal computer (222 pages)

Laptop Toshiba Satellite A200 User Manual

Portable personal computer (232 pages)

Laptop Toshiba Satellite A200-ST2041 Series Specifications

Toshiba satellite a200-st2041: specifications (8 pages)

Summary of Contents for Toshiba A20-S259

Page 1 ® Satellite A20/A25 Series User’s Guide If you need assistance: ❖ Toshiba Global Support Centre Calling within the United States (800) 457-7777 Calling from outside the United States (949) 859-4273 For more information, see page 208 in this guide. Handling the cord on this product will expose you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm.

Page 2 If you fail to do so, this product may not function properly and you may lose data or

suffer other damage. TOSHIBA AMERICA INFORMATION SYSTEMS (“TOSHIBA”), ITS AFFILIATES AND SUPPLIERS DO NOT WARRANT THAT OPERATION OF THE PRODUCT WILL BE UNINTERRUPTED OR ERROR FREE.

Page 3: Fcc Notice

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

Page 4: Type Of Service

Contact: Toshiba America Information Systems, Inc. 9740 Irvine Blvd. Irvine, CA 92618-1697 (949) 583-3000 Industry Canada Requirement This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conformé à la norme NMB-003 du Canada.

Page 5: Telephone Company Procedures

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

Page 6 Instructions for IC CS-03 certified equipment NOTICE: The Industry Canada label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements document(s). The Department does not guarantee the equipment will operate to the user’s satisfaction.

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), as defined and approved by the Institute of Electrical and Electronics Engineers.

Page 8: 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 9 des fenetres afin de Fournier un ecram de blindage maximal. Si le matriel (ou son antenne d'emission) est installe a l'exterieur, il doit faire l'objet d'une licence. Europe – EU Declaration of Conformity This device complies with the essential requirements of the R&TTE Directive 1999/5/EC with essential test suites as per standards: ❖...

Page 10 This device must accept any interference that may cause undesired operation. TOSHIBA is not responsible for any radio or television interference caused by unauthorized modification of the devices included with this TOSHIBA Wireless LAN Mini PCI Card, or the substitution or attachment of...

Page 11 Caution: Exposure to Radio Frequency Radiation The Toshiba Wireless LAN Mini PCI Card will be installed with one of two types of antennas. The both of antenna types, when installed are located at the upper edge of the LCD screen.

Page 12 Taiwan Article 14 Unless approved, for any model accredited low power radio frequency electric machinery, any company, trader or user shall not change the frequency, increase the power or change the features and functions of the original design. Article 17 Any use of low power radio frequency electric machinery shall not affect the aviation safety and interfere with legal communications.

Page 13: Device Authorization

The interference range of this equipment is less than 40m. This equipment uses a frequency bandwidth from 2,400 MHz to 2,483.5 MHz. It is possible to avoid the band of mobile object

identification systems. 3. TOSHIBA Direct PC Monday – Friday: Toll Free Tel: Direct Dial:...

Page 14: Interference Statement

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

Page 15 This device works on passive scan only. A peer-to-peer mode is not available in 802.11a and Turbo Mode. 802.11b (2.4GHz) Australia Canada France Ireland Luxembourg Norway Switzerland 802.11a (5GHz) Australia Canada France Ireland Luxembourg Norway Switzerland Turbo Mode (5GHz) Canada Austria Denmark Germany...

Page 16 Approved Countries/Regions for use for the Intel Wireless LAN 2100 3B Mini PCI Adapter This equipment is approved to the radio standard by the countries/regions in the following table. Do not use this equipment except in the countries/regions in the following table.

Page 17: Bluetooth Wireless Technology Interoperability

New Zealand Portugal Sweden Bluetooth wireless technology Interoperability Bluetooth™ Cards from TOSHIBA are designed to be interoperable with any product with Bluetooth wireless technology that is based on Frequency Hopping Spread Spectrum (FHSS) radio technology, and is compliant to: ❖...

Page 18: Bluetooth Wireless Technology And Your Health

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

Page 19: Regulatory Statements

In some situations or environments, the use of Bluetooth wireless technology may be restricted by the proprietor of the building or responsible representatives of the organization. These situations may for example include: ❖ Using the equipment with Bluetooth wireless technology on board of airplanes, or ❖...

Page 20 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 21 The legal communications mentioned in the above item refer to radio communications operated in accordance with telecommunication laws and regulations. Low power radio frequency electric machinery shall resist against interference from legal communications or from industrial, scientific and medical radio emission electric machinery. Using this equipment in Japan In Japan, the frequency bandwidth of 2,400-2,483.5 MHz for second generation low-power data communication systems such as this equipment...

Page 22 3. TOSHIBA Direct PC Monday – Friday: Toll Free Tel: Direct Dial: Fax: Device Authorization This device obtains the Technical Regulation Conformity Certification, and it belongs to the device class of radio equipment of low-power data communication system radio station stipulated in the Radio Law of Japan.

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Page 24 Sony Corporation. LapLink is a registered trademark of Traveling Software, Inc. TouchPad is a trademark of Synaptics, Inc. Bluetooth is a trademark owned by its proprietor and used by Toshiba under license. PS/2 is a registered trademark of IBM, Inc.

Page 25 Computer Disposal Information This product contains mercury. Disposal of this

material may be regulated due to environmental considerations. For disposal, reuse or recycling information, please contact your local government or the Electronic Industries Alliance at www.eiae.org.

Page 26: Table Of Contents

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Page 35: Introduction

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

Page 36: Safety Icons

Introduction Safety icons If you are new to computers, or have not used a notebook computer before, read through the first couple of chapters to familiarize yourself with the components of the computer and how to turn it on. After that, seek out whatever interests you most.

Page 37: Other Icons Used

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

Page 38: Service Options

Introduction Service options Service options Toshiba offers a full line of service options built around its SelectServ information, visit Toshiba's Web site at If you have a problem or need to contact Toshiba, see Something Goes Wrong" on page limited warranty programs. For more toshiba.com...

Page 39: Chapter 1: Finding Your Way Around

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

Page 40: Front With The Display Closed

Finding Your Way Around Front with the display closed Front with the display closed The CD/DVD control buttons allow you to play audio CDs when the computer is turned off. You can also use them to play CDs and DVDs with the computer turned on. For a description of these controls, see on page The display latch keeps the display panel closed and locked.

Page 41: Back

Back LAN active indicator Network Link indicator DC-IN S-video port ports The DC-IN is where you plug in the AC adapter for either operating the computer on external power or charging the battery. The LAN active indicator glows orange when data is being exchanged between the computer and the LAN (local area network).

Page 42: Right Side

Finding Your Way Around Right side The RGB (monitor) port allows you to connect an external monitor. The cooling vents prevent the computer's central processing unit (CPU) from overheating so that it can continue to perform at its maximum speed. To prevent possible overheating of the CPU, make sure you do not block the cooling vents.

Page 43: Left Side

products: digital music players, cellular phones, PDAs, digital cameras, digital video camcorders, etc. The SD card LED glows when the SD card is in use. The modem port lets you use a standard RJ11 telephone cable to connect the modem directly to a standard telephone line.

Page 44: Front With The Display Open

Finding Your Way Around Front with the display open The PC Card ejection tab releases the PC Card from the PC Card slot. The wireless antenna on-off switch turns the computer's wireless antenna on or off. The wireless antenna LED glows to indicate the wireless device is currently enabled.

Page 45

Finding Your Way Around Front with the display open The stereo speakers let you hear sounds, such as system alarms associated with your software, and music from DVD- ROMs and audio CDs. The function keys, when used with the key, activate several different system functions.

Page 46: Keyboard Indicator Lights

Finding Your Way Around Front with the display open Keyboard indicator lights The cursor control mode light glows green when the cursor control overlay is on. When this light is on, pressing an overlay key moves the cursor in the direction of the arrow printed on the front of the key instead of typing the letter printed on the top of the key.

Page 47: System Indicator Panel

System indicator panel The CD/DVD indicator light glows green when a CD or DVD is playing. If you have set a password for logging onto your system, your computer will start up and you will need to log on before being able to play a CD or DVD.

Page 48: Cd/Dvd Control Buttons

Finding Your Way Around Front with the display open The disk activity light glows green when the hard disk drive is being accessed. Never turn off the computer while any drive is in use.

Doing so may damage the media in use and result in loss of data. CD/DVD control buttons The control buttons on the front of the computer are for playing CDs, DVDs and digital audio files.

Page 49: Underside

The stop/eject button stops a disc that is currently playing. Press the button again to eject the disc. If you have set a password for logging onto your system, your computer will start up and you will need to log on before being able to play a CD or DVD.

Page 50 Finding Your Way Around Underside The CPU cooling fan keeps the central processing unit at a temperature suitable for optimum performance by drawing outside air into the computer. To prevent possible overheating of the CPU, make sure the cooling fan's air intake is not blocked. The fan draws in air by creating a vacuum.

Page 51: Chapter 2: Getting Started

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

Page 52: Keeping Yourself Comfortable

Getting Started Selecting a place to work ❖ Equipment that generates a strong electromagnetic field, such as stereo speakers (other than speakers that are connected to the computer) or speakerphones. ❖ Rapid changes in temperature or humidity and sources of temperature change such as air conditioner vents or heaters.

Page 53 twisting your torso or neck, and look at the screen without slouching. ❖ If you are using an external monitor, the top of the display should be no higher than eye level. ❖ If you use a paper holder, set it at about the same height and distance as the screen.

Page 54 Getting Started Selecting a place to work If you are using a conventional chair: ❖ Your knees should be slightly higher than your hips. If necessary, use a footrest to raise the level of your knees and ease the pressure on the back of your thighs. ❖...

Page 55: Precautions

❖ Exercise your hands, wrists, and arms to improve circulation. Using the computer keyboard incorrectly may result in discomfort and possible injury. If your hands, wrists, and/or arms bother you while typing, stop using the computer and rest. If the discomfort persists, consult a physician. Work habits The key to avoiding discomfort or injury from strain is to vary your activities.

Page 56 Getting Started Selecting a place to work too hot to the touch, if you maintain physical contact with the computer for a long time (if you rest the computer on your lap, for example), your skin might suffer low-heat injury. ❖...

Page 57: Setting Up Your Computer

Agreement and click Next. Follow the on-screen instructions to enter the information about your computer. If you click No, you may register with Toshiba by clicking the Register with Toshiba icon on the desktop. To register online, your computer’s modem must be connected to a voice-grade telephone line.

Page 58: Registering Your Computer With Toshiba

Toshiba limited warranty worldwide at no charge to you. You can register your computer with Toshiba by double-clicking the icon on your desktop. To register online, your computer’s modem must be connected to a voice-grade telephone line.

Page 59: Connecting An Optional External Usb Diskette Drive

Connecting an optional external USB diskette drive ❖ Install PC Cards (see ❖ Install SD cards (see Connecting an optional external USB diskette drive You can attach an optional external USB diskette drive to use diskettes with your computer. These drives hold 3.5-inch diskettes.

Page 60 Power cable and AC adapter Use only the AC adapter supplied with your computer or

an equivalent adapter that is compatible. Use of any incompatible adapter could damage your computer. Toshiba assumes no liability for any damage caused by use of an incompatible adapter.

Page 61 Connecting the power cable to the AC adapter Handling the cord on this product will expose you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm. Wash hands after handling. Plug the AC adapter into the DC-IN on the back of the computer.

Page 62: Charging The Main Battery

Getting Started Charging the main battery Connect the power cable to a live electrical outlet. If the electrical outlet is live, the system indicator panel's AC power light (Damaged power cables can cause fire or electric shock. Never modify, forcibly bend, place heavy objects on top of, or apply heat to the power cable.

Page 63: Using The Computer For The First Time

TECHNICAL NOTE: The battery does not charge while the computer is consuming full power. Battery life and charge time may vary depending on the applications, power management settings, and features used. Using the computer for the first time Opening the display panel Press the display latch and lift the display panel Opening the display panel To avoid damaging the display panel, do not force it beyond...

Page 64: Turning On The Power

But you can set up your computer so that a password is required to complete the powering up process in the future. To activate the power-on password: Click Start, then click All Programs. Point to TOSHIBA Console, then click the resulting TOSHIBA Console selection. "Front with...

Page 65: Using The Touchpad Tm

If you forget your power-on password and therefore cannot turn on your computer, take your computer to a Toshiba authorized service center for help. After the third incorrect password submission, the system automatically shuts down.

Page 66 Getting Started Using the computer for the first time ❖ To move it to the left side, slide your finger from right to left. 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.

Page 67: Installing Additional Memory (Optional)

BIOS memory check. A message will display. If this occurs, contact Toshiba's support center. See page 235. Installing additional memory (optional) "Toshiba voice contact"...

Page 68 Getting Started Installing additional memory (optional) HINT: To purchase additional memory modules, visit the Toshiba Web site at toshiba.com. Your computer comes with enough memory to run most of today's popular applications. You may want to increase the computer's memory if you use complex software or process large amounts of data.

Page 69 Installing additional memory (optional) You will need a standard Phillips No.1 screwdriver and a small flat-head screwdriver to install a memory module. To avoid damaging the computer's screws, use a standard Phillips screwdriver that is in good condition. If the computer is on, turn it off. "Turn Off or Shut down command"...

Page 70 Getting Started Installing additional memory (optional) panel and the surrounding housing. Grasp the end of the panel and lift up until the panel comes free. Remove the three screws that hold the keyboard in place, and remove the keyboard retaining brace. Removing the left keyboard screw The two-inch-long, propeller-shaped brace sits in the center of the area exposed when the panel is removed.

Page 71 Installing additional memory (optional) Removing the right keyboard screw Lift the keyboard and gently place it face down on the palm rest of the computer. Lifting the keyboard Removing the keyboard exposes the two memory slots, which are covered by a plastic sheet. Getting Started...

Page 72 Getting Started Installing additional memory (optional) Covered memory slots Locating the covered memory module slots Lift (but do not detach) the plastic sheet to expose the memory slots. Lifting the plastic covering the memory slots...

Page 73 Installing additional memory (optional) Remove the new memory module from its antistatic packaging. Static electricity can damage the memory module. Before you handle the module, touch a grounded metal surface to discharge any static electricity you may have built up. To avoid damaging the memory module, be careful not to touch its pin connector (on the side you insert into the computer).

Page 74: Removing A Memory Module

Getting Started Installing additional memory (optional) Replace the keyboard. To secure the keyboard, fit the tabs at the bottom of the keyboard into the corresponding slots at the top of the computer's palm rest. Fasten the keyboard with the keyboard retaining brace and screws.

Page 75 Installing additional memory (optional) Do not try to remove a memory module with the computer turned on. You can damage the computer and the device. Do not remove the memory module while the computer is in Standby mode. The computer could hang up the next time you turn it on and data in memory will be lost.

Page 76: Checking Total Memory

Getting Started Installing additional memory (optional) Carefully remove the module from the slot. Static electricity can damage the memory module. Before you handle the module, touch a grounded metal surface to discharge any static electricity you may have built up. To avoid damaging the memory module, be careful not to touch its pin connector (on the side you insert into the computer).

Page 77: Connecting A Mouse

Click Performance and Maintenance. Click System. The General tab view automatically appears and shows the recognized memory. If the computer does not recognize the memory configuration, turn off the computer, remove the keyboard and make sure the memory module is seated properly, as described in (optional)"...

Page 78: Connecting A Parallel Printer

Getting Started Setting up a printer Connecting a parallel printer To achieve the connection, you need a suitable cable, which may come with your parallel printer. Otherwise, you can purchase one from a computer or electronics store. Connect a parallel printer before you turn on the computer. Follow the manufacturer's instructions for connecting a parallel printer to your computer.

Page 79 Sample Printers and Faxes window Click Add Printer. The Add Printer Wizard starts. Sample Add Printer Wizard Getting Started Setting up a printer...

Page 80 Getting Started Setting up a printer Click Next. The Add Printer Wizard asks you to select your printer. TECHNICAL NOTE: If your printer is Plug and Play, the operating system recognizes it automatically. You can ignore the remainder of this section. See your printer manual. If the printer you are setting up: ❖...

Page 81: Powering Off The Computer

Click Next. The operating system prompts you to print a test page. If your printer is connected and turned on, click Next. To complete the setup procedure without printing a test page, click No, then click Next. Click Finish. You are now ready to print. Depending on your program, you may see various messages indicating the status of your print job.

Page 82: Caring For Your Computer

Although your notebook computer is built to withstand reasonable shock and vibration, transport it in a carrying case for long trips. You can purchase a carrying case from your Toshiba dealer or visit Toshiba's Web site at "Powering down the computer" on toshiba.com...

Page 83: Using A Computer Lock

Using a computer lock You may want to secure your computer to a heavy object such as your

desk. The easiest way to do this is to purchase an optional PORT-Noteworthy PORT-Noteworthy To secure the computer: Loop the cable through or around some part of a heavy object.

Page 84: Chapter 3: Learning The Basics

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

Page 85: Using The Keyboard

❖ Back up your files to diskettes (or other removable storage media) on a regular basis. Label the backup copies clearly and store them in a safe place. If your hard disk suddenly fails, you may lose all the data on it unless you have a separate backup copy.

Page 86: Character Keys

Learning the Basics Using the keyboard Character keys Typing with the character keys is very much like typing on a typewriter, except that: ❖ The spacebar creates a space character instead of just passing over an area of the page. ❖...

Page 87: Windows ® Special Keys

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

Page 88

Learning the Basics Using the keyboard Using the numeric keypad overlay To turn on the numeric keypad overlay, press simultaneously. The numeric mode keyboard indicator light glows when the numeric overlay is on. You can still use the overlay keys to type alphabetic characters while the numeric overlay is on.

Page 89: Emulating A Full-Size Keyboard

"Assigning a key to a program or document" on page The Fn emulation key is not supported when using a USB keyboard. TOSHIBA Console The TOSHIBA Console provides quick access to some common functions. For more information, see Console" on page Starting a program The easiest way to start a program is to double-click the name of the file that contains the information you want to work on.

Page 90: Saving Your Work

Learning the Basics Saving your work Saving your work Before you turn off the computer, save your work to a hard disk drive or a diskette. Always save your data even when you are using the Standby command. If your battery fully discharges, your information will be lost.

Page 91: Printing Your Work

Printing your work Verify that the Windows your printer as described in TECHNICAL NOTE: You only need to set up the printer the first time you connect it. If you use more than one printer or are changing printers, you will need to set up the operating system to run with the additional printer(s).

Page 92: Inserting And Removing Diskettes

Learning the Basics Using diskettes Inserting and removing diskettes Hold the diskette so that the arrow on its upper surface points toward the drive. Push the diskette gently into the drive slot. When the diskette is in place, the eject button pops out. To release a diskette from the drive, push the eject button.

Page 93: Backing Up Your Files

Backing up your files Backing up your files means copying individual files to a diskette or copying entire sections of your hard disk to another device, such as a tape drive. For those systems with a floppy disk drive, you may back up file to a floppy disk as follows: Insert a diskette into the diskette drive.

Page 94: Playing A Cd Or Dvd

Learning the Basics Playing a CD or DVD Playing a CD or DVD Optical storage has become the preferred medium for software, music, and video. Digital versatile discs (DVDs) provide a significant increase in data storage and support features that are not available on any other video platform. These features include wide-screen movies, multiple language tracks, digital surround sound, multiple camera angles, and interactive menus.

Page 95 Use the eject button to open the disc tray. This button requires power to operate. Never press the eject button or turn off the computer while the disk/disc activity light is flashing. Doing so could damage the disc or the drive. The manual eject button allows you to manually open the disc tray when power to the computer and the drive is off.

Page 96: Cd/Dvd And Digital Audio Modes

Learning the Basics Playing a CD or DVD CD/DVD and digital audio modes The following chart describes CD/DVD mode and digital audio mode. Power is off and you press Play/Pause While in CD/DVD mode, you press the mode button Operating system is running and you press Play/Pause Do not install or remove a memory module while the DVD-...

Page 97: Inserting A Disc

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

Page 98 Learning the Basics Playing a CD or DVD Inserting a disc Be careful not to touch the drive's lens (located underneath the drive's spindle) or the area around it. Doing so could cause the drive to malfunction. Gently press the center of the disc onto the spindle until it locks into place.

Page 99: Playing An Audio Cd

Learning the Basics Playing a CD or DVD Playing an audio CD Insert an audio CD and close the disc tray. The computer automatically detects a disc in the drive and opens the Audio CD window. To play an audio CD select the Play Audio CD using Windows Media Player option and click OK.

Page 100: Viewing The Contents Of A Cd Or Dvd

Learning the Basics Playing a CD or DVD Rewind Play Stop Previous track Next track Sample Windows Media The Windows Media an ordinary compact disc player: ❖ To play the CD, click the Play button on the CD Player control panel. ❖...

Page 101: Removing A Disc With The Computer On

presentation files. You can use Explorer or My Computer to view the contents of any CD or DVD. Removing a disc with the computer on Never press the eject button while the computer is accessing the drive. Wait for the disk/disc activity light on the system indicator panel to turn off before opening the disc tray.

Page 102: Caring For Cds And Dvds

Learning the Basics Using the DVD-ROM or multi-function drive Close the disc tray by pressing gently on the center of the tray until it clicks indicating that it is locked. Caring for CDs and DVDs ❖ Store your discs in their original containers to protect them from scratches and keep them clean.

Page 103: Setting Up For Communications

Plug the other end of the RJ11 telephone cable into the modular jack of a standard voice-grade telephone line. For more detailed information regarding your computer's modem, visit Toshiba's Web site at pcsupport.toshiba.com. Connecting your computer to a network You can connect your computer to a network remotely, using the built-in modem and a dial-up connection.

Page 104: Powering Down The Computer

Learning the Basics Powering down the computer (LAN) or wide area network (WAN), consult your network administrator. To use a dial-up connection, have your network administrator

configure your computer for the network and supply you with the telephone number for the dial-up connection. To set up the network connection, use the Dial-Up Networking Wizard: Click Start and point to All Programs.

Page 105: Turn Off Or Shut Down Command

Turn Off or Shut down command The Turn Off or Shut down commands power off the computer. The Windows the Turn Off command. The Windows operating system uses the Turn Off command if you are not connected to a Windows Professional operating system uses the Shut down command if you are a member of a domain.

Page 106: Standby Command

Learning the Basics Powering down the computer Factors to consider when choosing Hibernation: ❖ While in Hibernation mode, the computer uses no battery power. ❖ Because the state of the system is held on the hard disk, no data is lost if the battery discharges while the computer is in Hibernation mode.

Page 107: Using Turn Off Or Shut Down

❖ On restarting, the computer returns to the state in which you left it, and opens all the programs and files you were using. If you power down using the Standby command and the battery discharges fully, your information will be lost. Be sure to save your work often.

Page 108: Turning Off Or Shutting Down More Quickly

The Control Panel window appears. Click Performance and Maintenance. Double-click the Toshiba Power Saver icon. The TOSHIBA Power Saver Properties window appears. You can also access the TOSHIBA Power Saver Properties window by using the TOSHIBA Console. See Console” on page 201.

Page 109

Sample TOSHIBA Power Saver Properties window Select the listed power option you desire—for example, Normal in the “Running on batteries” section. Click Details in the same section as the power option you selected. If you selected Normal, you would click Details in the “Running on batteries”...

Page 110

Learning the Basics Using Turn Off or Shut down Sample Normal Power Properties window Click the System Power Mode tab. Select Power Off for the options you want: ❖ When I press the power button Set this option to Power Off if you want the computer to turn off when you press the power button.

Page 111: Starting Again After Turn Off Or Shut Down

Click All for the settings to apply whether you are using battery power or outlet power. Click OK to close the Normal Power Properties window. Click OK to close the TOSHIBA Power Saver Properties window, then close the Control Panel. Starting again after Turn Off or Shut down To start the computer up again, press and release the power button;...

Page 112: Enabling The Hibernation Command

Click Performance and Maintenance. Double-click the Toshiba Power Saver icon. The TOSHIBA Power Saver Properties window appears. You can also access the TOSHIBA Power Saver Properties window by using the TOSHIBA Console. See Console” on page Sample TOSHIBA Power Saver Properties window 201.

Page 113: Going Into Hibernation Mode

Click the Hibernate tab, then click the Enable hibernate support check box. Click OK to close the TOSHIBA Power Saver Properties window, then close the Control Panel. Going into Hibernation mode If you are using the Windows or are using the Windows...

Page 114: Going Into Hibernation Mode More Quickly

Learning the Basics Using Hibernation Sample Hibernate computer window Select Hibernate from the drop-down list of options. Click OK. The computer saves the state of the system, including all open programs and files, to the hard disk. Then the computer turns itself off.

Page 115

Double-click the Toshiba Power Saver icon. The TOSHIBA Power Saver Properties window appears. You can also access the TOSHIBA Power Saver Properties window by using the

TOSHIBA Console. See Console” on page 201. Sample TOSHIBA Power Saver Properties window In the Running on batteries area, click the Details button.

Page 116 Learning the Basics Using Hibernation Sample Normal Power Properties window Select Hibernation for the options you want: ❖ When I press the power button Set this option to Hibernation so that the computer will go into Hibernation mode when you press the power button.

Page 117: Starting Again From Hibernation

Click All for the settings to apply whether you are using battery power or outlet power. Click OK to close the Normal Power Properties window. Click OK to close the TOSHIBA Power Saver Properties window, then close the Control Panel. Starting again from Hibernation...

Page 118: Using Standby

Learning the Basics Using Standby Using Standby If you are using the Windows or are using the Windows not a member of a domain, power off the computer using the Standby command as follows: Click Start, Turn off computer. The Turn off computer window appears. Sample Turn off computer window Click Stand By.

Page 119: Going Into Standby Mode More Quickly

Sample Standby computer window Select Stand by from the drop-down list of options. Click OK. The computer saves the state of all open programs and files to memory, turns off the display, and goes into a low-power mode. The on/off light blinks amber to indicate the machine is in Standby mode.

Page 120 Click Performance and Maintenance. Double-click the Toshiba Power Saver icon. The TOSHIBA Power Saver Properties window appears. You can also access the TOSHIBA Power Saver Properties window by using the TOSHIBA Console. See Console” on page Sample TOSHIBA Power Saver Properties window Click Details in the Running on batteries section.

Page 121 Sample Normal Power Properties window Select Standby for the options you want: ❖ When I press the power button Set this option to Standby so that the computer will go into Standby mode when you press the power button. ❖ When I close the lid Set this option to Standby so that the computer will go into Standby mode when you close the display...

Page 122: Starting Again From Standby

Click All for the settings to apply whether you are using battery power or outlet power. Click OK to close the Normal Power Properties window. Click OK to close the TOSHIBA Power Saver Properties window, then close the Control Panel. Starting again from Standby To start the computer from Standby mode, press the power button until the on/off light changes to green.

Page 123: Chapter 4: Mobile Computing

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

Page 124: Battery Notice

For optimum DVD performance, Toshiba recommends that you play DVDs while running on AC power rather than on battery power.

Page 125: Charging The Battery

Doing so may reduce the potential charge of the battery. Use only battery chargers designed to work with your notebook computer. You can order a Toshiba battery charger from Toshiba’s Web site at toshiba.com. Mobile Computing...

Page 126: Charging The Rtc Battery

Mobile Computing Charging the battery TECHNICAL NOTE: The battery does not charge while the computer is consuming full power. The battery may take longer to charge with many applications open at the same time. The battery may not start charging immediately if: ❖...

Page 127: Monitoring Battery Power

If the RTC battery is low, the real-time clock and calendar may display the incorrect time and date, or stop working. To recharge the RTC battery, plug in the computer and leave it turned on until the RTC battery is fully charged. The RTC battery does not charge while the computer is turned off even when AC power is attached.

Page 128: Determining Remaining Battery Power

Click Performance and Maintenance. Click the Toshiba Power Saver icon. The TOSHIBA Power Saver Properties window appears. You can also access the TOSHIBA Power Saver Properties window by using the TOSHIBA Console. See Console" on page Choose the Power Save Modes tab, then under the Running on Batteries section, click Details.

Page 129: Conserving Battery Power

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

Page 130: Setting Battery Alarms

Click Performance and Maintenance. Click the Toshiba Power Saver icon. The TOSHIBA Power Saver Properties window appears. You can also access the TOSHIBA Power Saver Properties window by using the TOSHIBA Console. See Console" on page Choose the Power Save Modes tab, then under the Running on Batteries section, click Details.

Page 131: Changing The Main Battery

Changing the main battery When your battery power is running low, you have two options: connect the computer to an AC power source or install a charged battery. If your battery discharges fully, your information will be lost. Be sure to save your work often. When handling a battery, be careful not to drop it or short- circuit its terminals.

Page 132: Removing The Battery

Putting spent batteries in the trash is not only irresponsible, it may be illegal. Dispose of the battery as required by local ordinances or regulations. Use only batteries recommended by Toshiba.

Page 133: Installing The Battery

Installing the battery Turn off the computer via the Start menu. "Using Turn Off or Shut down" on page Remove all cables connected to the computer. Close the display panel and turn the computer upside down. Insert the battery until it is level with the rest of the computer's underside.

Page 134: Maximizing Battery Life

Before doing so, follow the steps below: Turn off the computer's power. Disconnect the AC adaptor and turn on the computer's power. If it does not turn on, go to step 4. toshiba.com...

Page 135: Disposing Of Used Batteries Safely

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

Page 136: Traveling Tips

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

Page 137

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

Page 138: Chapter 5: Getting To Know The Windows

Getting to Know the Windows Lesson 1: Exploring the desktop Lesson 1: Exploring the desktop The desktop is the launching pad for everything you can do in the Windows start programs, find documents, set up system components, and perform most other computing tasks. Finding your way around the desktop Your computer's desktop includes several standard features: icons, Start button, shortcut tray, taskbar, system tray, and...

Page 139 The icons initially displayed on your system desktop include: Toshiba Access — Opens a window with links to software updates, services and support, and other important benefits. Recycle Bin — Holds files you have deleted using the Windows Explorer.

Page 140: Windows ® Xp File System

Getting to Know the Windows Lesson 1: Exploring the desktop For more information on starting programs, see Starting programs" on page 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.

Page 141: Lesson 2: Using The Touchpad And Control Buttons Together

Getting to Know the Windows Lesson 2: Using the TouchPad and control buttons together Your office may have more than one file cabinet, just as your computer may have more than one disk drive. Computers can be connected together to form a network, so that programs, documents and other data can be quickly and easily shared between computers.

Page 142 Getting to Know the Windows Lesson 2: Using the TouchPad and control buttons together With the pointer in an empty area of the desktop, click the secondary button (the right-hand button) to open the desktop shortcut menu. As the name implies, shortcut menus provide quick access to many operating system features.

Page 143 Getting to Know the Windows Lesson 2: Using the TouchPad and control buttons together Now click the Close button in the upper-right corner of this window. The operating system closes the My Computer window. If the taskbar is locked, you need to unlock it. To unlock the taskbar, place the cursor on the taskbar and click the secondary button.

Page 144: Lesson 3: Learning About The Internet

Getting to Know the Windows Lesson 3: Learning about the Internet HINT: You can move the taskbar to any of the desktop's four edges. Click the taskbar once again and drag it back to the bottom of the desktop. Lesson 3: Learning about the Internet This lesson demonstrates how to access a Web page from a window and from the taskbar.

Page 145: Lesson 4: Creating A New Document

Getting to Know the Windows Sample My Computer window Lesson 4: Creating a new document This lesson teaches you how to create a text file without having to first open a program. Move the pointer to an empty area of the desktop, then click the secondary button.

Page 146: Lesson 5: Creating A New Folder

Getting to Know the Windows Lesson 5: Creating a new folder Sample Notepad window Notice that when the document opens, there is a new button on the taskbar that reads My New Doc-Notepad (the name may be too long to fit into the taskbar space but, if you point to the name, the complete name is visible).

Page 147: Lesson 6: Starting Programs

Getting to Know the Windows The operating system stores documents and programs in folders. It even stores other folders in folders. In this lesson, you will create a folder in which to store your new document. Move the pointer to an empty area of the desktop, then click the secondary button.

Page 148 Getting to Know the Windows Lesson 6: Starting programs This lesson teaches you how to launch programs from the Start menu, using two of the programs that are built into the operating system: Paint and Windows To launch the Paint program: Click Start, then point to All Programs.

Page 149: Lesson 7: Resizing, Repositioning, And Hiding Windows

Getting to Know the Windows Lesson 7: Resizing, repositioning, and hiding windows Sample Windows Explorer window Notice the taskbar now has two buttons on it—one for Paint and one for Windows To re-display the Paint program, click the Paint button on the taskbar.

Page 150: Using The Taskbar

Getting to Know the Windows Lesson 7: Resizing, repositioning, and hiding windows This lesson introduces several ways to adjust the size, shape, and position of windows open on the desktop. Using the taskbar If you have applications open on the desktop, you can rearrange them by pointing to the taskbar using the TouchPad and clicking the secondary button.

Page 151: Resizing And Moving Windows

Getting to Know the Windows Lesson 7: Resizing, repositioning, and hiding windows Click the Maximize button in the top-right corner of the Paint window. The Paint window expands to fill the screen, hiding everything except the taskbar. Notice that the Maximize button has changed.

Page 152: Lesson 8: Closing Programs

Getting to Know the Windows Lesson 8: Closing programs Repeat steps Windows Explorer, placing it on the right side of the desktop. Now that the windows are side by side, you can see how you could refer to one window while working in the other.

Page 153: Lesson 9: Creating Shortcuts

Getting to Know the Windows Lesson 9: Creating shortcuts By adding shortcuts to your desktop, you can open programs or files with the click of a button. You will probably want to create shortcuts for the programs you use most frequently. This lesson explains how to create shortcuts using two ®...

Page 154: Creating A Shortcut To The Character Map

Getting to Know the Windows Lesson 9: Creating shortcuts Type Calculator The operating system displays the new shortcut on your desktop. Creating a shortcut to the Character Map Use this method when you do not know the name and location of the program file. Click Start, then point to Search.

Page 155 Getting to Know the Windows Sample Search Results dialog box HINT: Search also allows you to perform searches on the Internet. Type in the All or part of the file name: text box, char and then click Search. The operating system displays a list of all the files with “char”...

Page 156: Lesson 10: Changing The Screen Saver

Getting to Know the Windows Lesson 10: Changing the screen saver Clicking a shortcut icon opens the program or folder immediately. You can place as many shortcuts on your desktop as you find useful. HINT: The Character Map is a useful tool when you want to add a special character to a document.

Page 157 Getting to Know the Windows Lesson 10: Changing the screen saver Click Properties. The operating system opens the Display Properties dialog box. Sample Display Properties dialog box Click the Screen Saver tab. Click the arrow beside the current option to open the screen saver list box.

Page 158: Lesson 11: Setting The Date And Time

Getting to Know the Windows Lesson 11: Setting the date and time The next lesson explains how to set two other properties—the date and time. Lesson 11: Setting the date and time You initially set the computer’s date and time properties when you turned the computer on for the first time and set up the operating system.

Page 159: Lesson 12: Removing Objects From The Desktop

Getting to Know the Windows Lesson 12: Removing objects from the desktop Click the Date & Time tab and set the correct month, year, day, and time. Click the Time zone tab, then the drop-down list box and set your time zone. Click OK.

Page 160 Getting to Know the Windows Lesson 12: Removing objects from the desktop

Sample Recycle Bin open on the desktop To completely remove an object, select it, and then click File, Delete. The object is permanently deleted from the Recycle Bin. Later on—in your real work, not in this tutorial—you will use the Recycle Bin to delete other objects such as folders, documents, and sometimes even programs.

Page 161: Lesson 13: Using System Restore

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

Page 162: Lesson 14: If I Am Lost, What Do I Do

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

Page 163

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

Page 164: Using The Online Tours And Tutorials

Getting to Know the Windows Lesson 14: If I am lost, what do I do? program to look at it while you read about the program in the Help topic. Using the online tours and tutorials Whether you are new to computers or you have some experience, the Windows is a good place to start.

Page 165: Lesson 15: Turning Off Your Computer

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

Page 166: Chapter 6: Exploring Your Options

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

Page 167: Personalizing Your Desktop

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

Page 168: Bringing The World To Your Desktop

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

Page 169: Changing Desktop And Browsing Style

To browse the Gallery for more components to add, click Visit Gallery. In order to browse, an active Internet connection must be established. To select some other Web site, type the address of the Web site you want or click Browse to locate it. You can configure the Web content interface in several other ways.

Page 170: Personalizing Individual Windows

Exploring Your Options Personalizing your desktop Choosing a style To select desktop and browsing style options: Click Start, then click My Computer. The My Computer window appears. Select the Tools menu, then click Folder Options. The Folder Options dialog box appears.

Sample Folder Options dialog box Click the preferred options.

Page 171: Customizing Window Toolbars

Exploring Your Options Personalizing your desktop a regular basis. For example, using this Web integration feature you can monitor weather, game scores, stock prices, or headlines, all in the window of your choice. Customizing window toolbars You can display one or more customizable toolbars at the top of a window.

Page 172: Displaying Information About Each Folder

Exploring Your Options Personalizing your desktop The elements you can add to the top of the window are: Toolbar element Address Bar Standard buttons Displays buttons for commonly used Displaying a toolbar in a window Click Start, then click My Computer. The My Computer window appears.

Page 173: Using Your Computer At The Office

Open the folder you want to view as a Web page. In the Tools menu, select Folder Options. In the Tasks section, click the button for Show common tasks in folders. Click Apply, then OK. Sample Control Panel window as a Web page The addition of the name of the folder and instructions for how to use the folder on the left give the window the appearance of a Web page.

Page 174: Setting Up For Communications

Exploring Your Options Using your computer at the office Setting up for communications In order to connect to the Internet, use an online service, or communicate across the telephone lines with another computer, you need: ❖ A modem (one comes with your computer) ❖...

Page 175: Connecting The Modem To A Telephone Line

Before you can use the modem, you must connect it to a standard voice-grade telephone line. For more detailed information regarding your computer's modem, visit Toshiba's Web site at pcsupport.toshiba.com. Setting up a dial-up connection To set up a dial-up connection, use the Dial-Up Networking Wizard: Click Start and point to All Programs.

Page 176: Exchanging Data With Another Computer

Exploring Your Options Exchanging data with another computer ❖ Set up a home or small office network ❖ Set up an advanced connection Click Next and follow the directions on the screen. The computer connects to the network. Exchanging data with another computer To transfer a large amount of information between computers, you need a physical connection and a synchronization program.

Page 177: Getting Help Transferring Files

Accessing the wireless modules using your system tray The following information applies to systems with the optional Wi-Fi feature: To install the Wi-Fi option at a later time, contact your Toshiba Authorized Service Provider. When using your Wi-Fi Mini PCI module, your computer may display a Network Connection icon in the desktop's...

Page 178: Connecting To The Internet

Using a modem If you're using a modem, you connect the modem to one of the computer's COM (communications) ports. The default setting for the modem is COM3. For more detailed information regarding your computer's modem, visit Toshiba's Web site at pcsupport.toshiba.com.

Page 179: An Overview Of Using The Internet

If you are having trouble connecting through the modem, you may need to determine the current COM port name and possibly change it. For more information on connecting a modem, see "Connecting the modem to a phone line" on page An overview of using the Internet The following sections give a quick introduction to the Internet and some of its exciting features, under these...

Page 180: Internet Service Providers

Exploring Your Options An overview of using the Internet The World Wide Web offers information as text, images, audio, or video to be referenced from anywhere in the world.

Special programs called Web browsers are specifically designed to work with HTTP. They make it easier to connect to a particular network address and send and receive information.

Page 181: Internet Features

are known as links. Clicking a link automatically transfers your Web browser to that site. You can also use a Search Engine, a Web site specifically designed to help you look for information. Internet features The Internet offers many types of communication tools to help you perform many tasks.

Page 182: Toshiba's Online Resources

You can also use the File Transfer Protocol (FTP) supported by a separate software program. 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 183: Display Settings Hot Key

your television. For the location of the S-video port, see “Back” on page Once the S-video cable is connected, please see modes” on page 243 movie or Windows hot key combination. Display settings hot key Using the view DVD movies or presentations on an external device. Exploring audio features You can use your computer to record sounds using an external microphone.

Page 184: Using A Microphone

Exploring Your Options Exploring audio features Using a microphone Connect an external microphone to the computer. Click Start, point to All Programs, Accessories, Entertainment, then click Sound Recorder. Positioning Sample Sound Recorder screen Click the Record button and speak normally into the microphone.

Page 185: Using External Speakers Or Headphones

Connecting a monitor, keyboard and mouse In the Sound Recorder window, click Edit, then click Audio Properties. In the Audio Properties dialog box, adjust the Recording Volume and Preferred device. Click OK. Your new settings take effect the next time you record. Using external speakers or headphones Your computer is equipped with a stereo sound system.

Page 186: Changing The Display Properties Setting

Exploring Your Options Changing the display properties setting You can connect an external USB-compatible keyboard and a USB-compatible mouse to one of the USB ports. For more information about connecting a mouse, see mouse” on page Changing the display properties setting Right-click anywhere on your desktop and select Properties.

Page 187: Directing The Display Output When You Turn On The Computer

The Monitor Settings window appears and asks if you want to keep the settings. Click Yes. To change the settings back, repeat steps 2 through 5. 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 188: Enabling Different Video Refresh Rates

Exploring Your Options Changing the display properties setting Release the TECHNICAL NOTE: You can also change these settings using the Display Properties box in the Control Panel. In order to use a simultaneous mode, you must set the resolution of the internal display panel to match the resolution of the external display device.

Page 189: Display Limitations

documentation supplied with the device for additional configuration steps. TECHNICAL NOTE: In order to use the simultaneous mode, you must set the resolution of the internal display panel to match the resolution of the external display device. The external display device must support a resolution of 640 X 480 or higher.

Page 190: Using Pc Cards

Exploring Your Options Using PC Cards Using PC Cards PC Cards expand your computer’s

capabilities and usefulness. You can purchase additional PC Cards from your dealer. Most PC Cards conform to the PCMCIA (Personal Computer Memory Card International Association) standard. Your computer has a PC Card slot that supports a type of PC Card known as Type II.

Page 191: Removing A Pc Card

Hold the PC Card with the arrow or main label side up and the connector side toward the slot. Align the card connectors with the PC Card slot and carefully slide the card into the slot until it locks into place.

Page 192: Hot Swapping A Pc Card

Exploring Your Options Using PC Cards Removing a PC Card Press the extended eject button so the card pops out slightly. Remove the PC Card and store it properly. Hot swapping a PC Card One of the great things about PC Cards is that you can replace one PC Card with another while the computer is on.

Page 193: Using Sd Cards

❖ Never remove a SCSI card while any of the SCSI devices connected to it are operating. DEFINITION: SCSI is an acronym for Small Computer Systems Interface. A single SCSI PC Card enables you to connect several SCSI devices, such as a scanner or digital camera to your computer.

Page 194: Removing An Sd Card

Exploring Your Options Using SD cards Inserting an SD card Removing an SD card Click the Safely Remove Hardware icon on the System tray. Click Safely remove xxxx, where xxxx is the identifier for your SD card. Press the card inward to release it. The card pops out slightly.

Page 195: Chapter 7: Toshiba Utilities

TOSHIBA Power Saver ❖ Toshiba Hardware Setup TOSHIBA Accessibility The TOSHIBA Accessibility utility allows you to use the Fn key to create a hot key combination with one of the function keys without pressing the two keys simultaneously as is usually required.

Page 196

To open Accessibility: Click Start, then click All Programs. Select Toshiba Utilities, then select Accessibility. The TOSHIBA Accessibility window appears. Check the Use Fn-StickyKey box. Sample TOSHIBA Accessibility window Put a check mark next to the desired option.

Page 197: Fn-Esse

You can assign any key that is not associated with a hot key or a keyboard overlay. Starting Fn-esse To access Fn-esse, click Start, All Programs, Toshiba Utilities and Fn-esse. The Fn-esse keyboard appears. Sample Fn-esse keyboard Toshiba Utilities 153.

Page 198: Assigning A Key To A Program Or Document

Toshiba Utilities Fn-esse The keys are color-coded as follows: ❖ Available keys are white. ❖ Assigned keys and keys associated with a popup list are shown on the Fn-esse keyboard in the selected color. ❖ Unavailable keys are dark gray.

Page 199

To make a popup assignment, select Popup to display the Application Explorer window, then complete these steps: ❖ Select the desired folder. The left side of the Application Explorer window displays the folders in the Programs menu. The right side lists the programs Toshiba Utilities Fn-esse key, then...

Page 200: Viewing Existing Key Assignments

Toshiba Utilities Fn-esse and documents in the folder. These are the items that appear in the popup list. ❖ To create a popup list with items from various folders, or to pick only a few items from a folder, create a new folder containing only the desired programs and documents.

Page 201: Hotkey Utility

Standby] and Hibernation [Fn + F3 To activate the utility: Click Start, All Programs, Toshiba Utilities and then click Hotkey utility. The Toshiba Hotkey utility window appears. Sample Toshiba Hotkey utility window Put a check mark next to the desired option.

Page 202: Customize Your Computer

Toshiba Utilities TOSHIBA Console Point to TOSHIBA Console, then click the resulting TOSHIBA Console selection. The TOSHIBA Console window appears. Sample TOSHIBA Console window The TOSHIBA Console offers the following features: ❖ Customize Your Computer ❖ Security Customize Your Computer The features available in this category are: ❖...

Page 203: Security

To access Power Management through the TOSHIBA Console: Click Start, then click All Programs. Point to TOSHIBA Console, then click the resulting TOSHIBA Console selection. The TOSHIBA Console window appears. Toshiba Utilities...

Page 204 You can either use one of the preset modes or create and use your own customized mode. The preset modes cannot be deleted. By changing the options that appear in the Toshiba Power Saver Properties window and clicking OK, you can reconfigure that function. Any options that you change...

Page 205 Plugged in section This section has a single preset power usage mode Power. You can create other AC power modes, but Toshiba recommends use of the preset Full Power mode. The windows and settings for creating and customizing battery power modes are described in the following sections.

Page 206: Toshiba Hardware Setup

Power Saver Properties window. You can change the name here if you wish. Toshiba Hardware Setup Toshiba Hardware Setup is the Toshiba configuration management tool. To access it: In the TOSHIBA Console, click the Toshiba Hardware icon. Sample TOSHIBA HWSetup window...

Page 207 The TOSHIBA HWSetup window appears with tabs for the following: ❖ Display — Allows you to select the built-in LCD and/or external monitor when the computer powers on. ❖ Boot Priority — Allows you to change the sequence in which your computer searches the drives for the operating system.

Page 208: Chapter 8: 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 209 To close a program that has stopped responding: Press Ctrl 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.

Page 210: Problems When You Turn On The Computer

If Something Goes Wrong Problems when you turn on the computer Add a paragraph break and type some notes describing what you were doing when you received the message. Save the file and refer to it when you contact the software manufacturer.

Page 211: The Windows ® Operating System Is Not Working

The Windows diskette drive, press the left or right arrow key and choose your boot-up device. HINT: Press F12 as you power on the computer to access the menu. The computer displays the message. The computer was placed in Standby mode and the battery has discharged.

Page 212: The Windows ® Operating System Is Not Working

If Something Goes Wrong The Windows ❖ The operating system responds differently from the normal routine. ❖ The screen does not look right. Unless a hardware device has failed, problems usually occur when you change the system in some way such as installing a new program or adding a device.

Page 213: Internet Problems

The Windows ❖ Reboot ❖ Return to OS Choices (menu) See your Windows TECHNICAL NOTE: If your computer is connected to a network, the Startup menu may display different versions of Safe mode. Internet problems My Internet connection is very slow. Many factors contribute to

the speed with which you can surf the Internet.

Page 214: Resolving A Hardware Conflict

If Something Goes Wrong Resolving a hardware conflict To access Windows Click Start, then click Help and Support. The Help and Support Center window appears. Then do one or both of the following: ❖ In the search field, type in the topic of the problem with which you need help and follow the on-screen instructions.

Page 215: Resolving Hardware Conflicts On Your Own

The recommended procedure for getting multiple devices to work together is to add and set up one device at a time. After you add each device, test it to make sure it and all previously connected devices work. The device most recently connected to the system is the one most likely to be causing a hardware conflict.

Page 216

If Something Goes Wrong Resolving a hardware conflict Plug and Play With Plug and Play and the Windows avoiding hardware conflicts is easy. Plug and Play is a computer standard that helps the system BIOS (basic input/ output system) and the operating system to automatically assign resources to Plug and Play-compliant devices.

Page 217: Fixing A Problem With Device Manager

Fixing a problem with Device Manager Device Manager provides a way to check and change the configuration of a device. Changing the default settings using Device Manager can cause other conflicts that make one or more devices unusable. Device Manager is a configuration tool for advanced users who understand configuration parameters and the ramifications of changing them.

Page 218

If Something Goes Wrong Resolving a hardware conflict To check a device's properties: Click Start, Control Panel, Performance and Maintenance, Administrative Tools. Double-click the Computer Management icon. In the left pane, click Device Manager. To view the device(s) installed, double-click the device type.

Page 219: Memory Module Problems

Memory module problems Static electricity can damage the memory module. Before you handle the module, touch a grounded metal surface to discharge any static electricity you may have built up. To avoid damaging the memory module, be careful not to touch its gold connector bar (on the side you insert into the computer).

Page 220: Power And The Batteries

If Something Goes Wrong Resolving a hardware conflict Power and the batteries Your computer receives its power through the AC adapter and power cable or from the system batteries (main battery and real-time clock (RTC) battery). Power problems are interrelated. For example, a faulty AC adapter or power cable will neither power the computer nor recharge the batteries.

Page 221: Keyboard Problems

The battery appears not to power the computer for as long as it usually does. If you frequently recharge a partially charged battery, it may not charge fully. Let the battery discharge completely, then try charging it again. Check the power options using the Power Management utility.

Page 222: Display Problems

If Something Goes Wrong Resolving a hardware conflict Display problems Here are some typical display problems and their solutions: The display 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 password, press the If no password is registered, press...

Page 223

❖ Make sure the display choice is not set for the built-in screen only. The screen does not look right. You can change the display settings by clicking a blank area of the desktop with the secondary control button, then clicking Properties.

Page 224: Disk Drive Problems

If Something Goes Wrong Resolving a hardware conflict The display mode is set to

Simultaneous and the external display device does not work. Make sure the external monitor is capable of displaying at resolutions of 800 x 600 or higher. Devices that do not support this resolution will only work on your computer display.

Page 225 Click the Tools tab. Click the Check now button. The Check Disk All Apps box appears. You can choose one or both options: ❖ Automatically fix file system errors ❖ Scan for and attempt recovery of bad sectors Click Start. Error-checking runs the test.

Page 226: Dvd-Rom Or Multi-Function Drive Problems

If Something Goes Wrong Resolving a hardware conflict The metal cover or a loose label may be obstructing the path into the drive. Carefully inspect the diskette. If the metal cover is loose, replace the diskette. If the label is loose, replace the label and try inserting the diskette again.

Page 227: Sound System Problems

You press the disc eject button, but the drive tray does not slide out. Make sure the computer is connected to a power source and turned on. The DVD-ROM or multi-function drive eject mechanism requires power to operate. To remove a disc without turning on the computer, use a narrow object, such as a straightened paper clip, to press the manual eject button.

Page 228: Pc Card Problems

If Something Goes Wrong Resolving a hardware conflict Changing the settings for the Record Monitor feature in the Recording Control Utility (default Off), or the Mute feature in the Mixer Utility (default Enabled), may cause feedback. Revert to the default settings. PC Card problems PC Cards (PCMCIA-compatible) include many types of devices, such as a removable hard disk, additional memory,...

Page 229 If your system does not have built-in drivers for your PC Card and the card did not come with an operating system driver, it may not work under the operating system. Contact the manufacturer of the PC Card for information about using the card under the operating system.

Page 230 If Something Goes Wrong Resolving a hardware conflict The operating system displays your PC Card's Properties window, which contains information about your PC Card configuration and status. The computer stops working (hangs) when you insert a PC Card. Remove the PC Card. If removing the PC Card does not resolve the problem, try restarting the computer.

Page 231: Printer Problems

Printer problems This section lists some of the most common printer problems: The printer will not print. Check that the printer is connected to a working power outlet, turned on and ready (on line). Check that the printer has plenty of paper. Some printers will not start printing when there are just two or three sheets of paper left in the tray.

Page 232: Modem Problems

If Something Goes Wrong Develop good computing habits Modem problems This section lists common modem problems: The modem will not receive or transmit properly. Make sure the cable from the modem to the telephone line is firmly connected to the computer's modem port and the telephone line jack.

Page 233: If You Need Further Assistance

On a regular basis, back up the information stored on your hard disk. Here are some ways you can do this: ❖ Copy files to diskette, following the steps in your work" on page ❖ Copy files to your network partition. ❖...

Page 234: Before You Call

Internet browser by typing 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 by selecting your particular product and 235.

Page 235 ❖ Information about what you were doing when the problem occurred. ❖ Exact error messages and when they occurred. For technical support, call the Toshiba Global Support Centre: ❖ Within the United States at (800) 457-7777 ❖ Outside the United States at (949)

859-4273...

Page 236: Other Toshiba Internet Web Sites

If Something Goes Wrong Other Toshiba Internet Web sites Other Toshiba Internet Web sites toshiba.com computers.toshiba.com www.toshiba.ca www.toshiba-Europe.com www.toshiba.co.jp/index.htm http://servicio.toshiba.com Toshiba's worldwide offices Australia Toshiba (Australia) Pty. Limited 84-92 Talavera Road North Ryde NSW 2113 Sydney Australia Belgium Toshiba Information Systems Benelux (Belgium) B.V.

Page 237 800-457-7777 (within the US) 949-859-4273 (outside of the US - this call may incur long distance charges) Mexico Toshiba de México S.A. de C.V. Sierra Candela No.111, 6to. Piso Col. Lomas de Chapultepec. CP 11000 Mexico, DF. Tel: 5249 6500...

Page 238 Ur. Quinta Grande 2720 Alfragide Portugal Slovakia HTC a.s. Dobrovicova 8 81109 Bratislava Slovakia Spain Toshiba Information Systems (España) S.A. Parque Empresarial San Fernando Edificio Europa, 1a Planta Escalera A 28831 (Madrid) San Fernando de Henares Spain Switzerland Ozalid AG Herostrasse 7 8048 Zürich...

Page 239: Appendix A: Hot Keys

Appendix A Hot Keys Hot keys are keys that, when pressed in combination with the Fn key, turn system functions on and off. Hot keys have a legend on or above the key indicating the option or feature the key controls. Volume Mute This hot key enables/disables volume mute on your computer.

Page 240: Power Usage Mode

Hot Keys Power usage mode Power usage mode This hot key displays the power usage pop-up win- dow and cycles through the battery save modes. The power usage modes in the operating system under battery power are: Long Life, Normal, and High Power; DVD Play- back and Presentation Sample power usage modes The power usage mode in the Windows...

Page 241: Standby Mode

Standby mode This hot key puts the computer into Standby mode. Sample standby confirmation box ❖ A message box is displayed by default to confirm that the computer is going into Standby mode. Click the check box to prevent the message box appearing in future.

Page 242: Hibernation Mode

Hot Keys Hibernation mode Hibernation mode This hot key puts the computer into Hibernation mode. Sample Hibernation confirmation box ❖ If Hibernation mode is enabled (the default) a message box is displayed by default to confirm the computer is going into Hibernation mode. Click the check box to prevent the message box appearing in future.

Page 243: Display Modes

Display modes This hot key cycles through the power-on display options. While holding down until the desired setting is highlighted. Then release The display modes are: Sample display options window In order to use a simultaneous mode, you must set the resolution of the internal display panel to match the resolution of the external display device.

Page 244: Display Brightness

Hot Keys Display brightness Display brightness Enabling a wireless device only if the Wi-Fi switch is in the on position. If your machine includes multiple internal wireless devices, the between or disable those devices. Disabling or enabling the TouchPad This hot key disables or enables the TouchPad. To use the TouchPad, see on page Sample disable and...

Page 245: Appendix B: Power Cable Connectors

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

Page 246: Glossary

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

Page 247 direct memory access DIMM dual inline memory module disk operating system dots per inch DSTN dual supertwist nematic digital versatile (or video) disc DVD-ROM digital versatile (or video) disc read-only memory enhanced capabilities port EPROM erasable programmable read-only memory file allocation table Federal Communications Commission gigabyte hard disk drive...

Page 248 Glossary SCSI SDRAM SRAM SVGA Terms The following terms may appear in this user's guide. active-matrix display — A liquid crystal display (LCD) made from an array of liquid crystal cells using active-matrix technology. Also known as a "TFT display," in its simplest form there is one thin film transistor (TFT) for each cell.

Page 249 application — A computer program that you use to perform tasks of a specific type. Applications include word processors, spreadsheets, and database management systems. See also program. backup — A copy of a file, usually on a removable disk, kept in case the original file is lost or damaged.

Page 250 Glossary bus — An electrical circuit that connects the central processing unit (CPU) with other parts of the computer, such as the video adapter, disk drives, and ports. It is the pathway through which data flows from one device to another. See also bus speed, frontside bus.

Page 251 color palette — A set of specified colors that establishes the colors that can be displayed on the screen at a particular time. compatibility — The extent to which computers, programs, or devices can work together harmoniously, using the same commands, formats, or language as another.

Page 252 Glossary direct memory access (DMA) — A dedicated channel, bypassing the CPU, that enables direct data transfer between memory and a device. directory — See folder. disable — To turn a computer option off. See also enable. disc — A round, flat piece of metal, designed to be read from and written to by optical (laser) technology, and used in the production of optical discs, such as CDs and DVDs.

Page 253 DVD — An individual digital versatile (or video) disc. See also DVD-ROM. DVD-ROM (digital versatile disc read-only memory) — A very high-capacity storage medium that uses laser optics for reading data. Each DVD-ROM can hold as much data as several CD- ROMs.

Page 254 — The physical components of a computer system. Compare software. Hibernation — A feature of many Toshiba notebook computers that saves to the hard disk the current state of your work, including all open files and programs, when you turn the computer off.

Page 255 high-density diskette — A 3.5-inch diskette that holds 1.44 MB of data. See also diskette. hot key — (1) A feature in which certain keys in combination with key can set system options or control system parameters, such as the battery save mode. (2) A key or combination of keys that activates a memory resident program.

Page 256 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 257 MS-DOS prompt — See system prompt. multimedia — A combination of two or more media, such as sound, animation, and video in a computer program or presentation. Musical Instrument Digital Interface — See MIDI. network — A collection of computers and associated devices that are connected by communications facilities.

Page 258 Glossary PC Card — A credit-card-sized expansion card designed to increase the capabilities of notebook computers. PC Cards provide functions such as modem, fax/modem, hard disk drive, network adapter, sound card, or SCSI adapter. peripheral — Any device, such as

a printer or joystick, that is attached to the computer and controlled by the computer's CPU.

Page 259 removable disk — A disk that can be removed from a disk drive. A diskette 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. For a printer, resolution is expressed in dots per inch (dpi).

Page 260 Glossary Standby — A feature of some Windows allows you 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. Suspend — A feature of some Windows allows you 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.

Page 261 Web — See World Wide Web. Wi-Fi — A trademarked term by the Wireless Capability Ethernet Alliance which stands for Wireless Fidelity. Wi-Fi is another term for the IEEE 802.11b or 802.11a/b communication protocol to permit an Ethernet connection using wireless communication components.

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A20-s2591A25-s279A25-s2791A25-s2792Satellite a20 seriesSatellite a25 series