TOSHIBA

Toshiba PORTABLE PERSONAL COMPUTER L500 User Manual

Toshiba personal computer user manual

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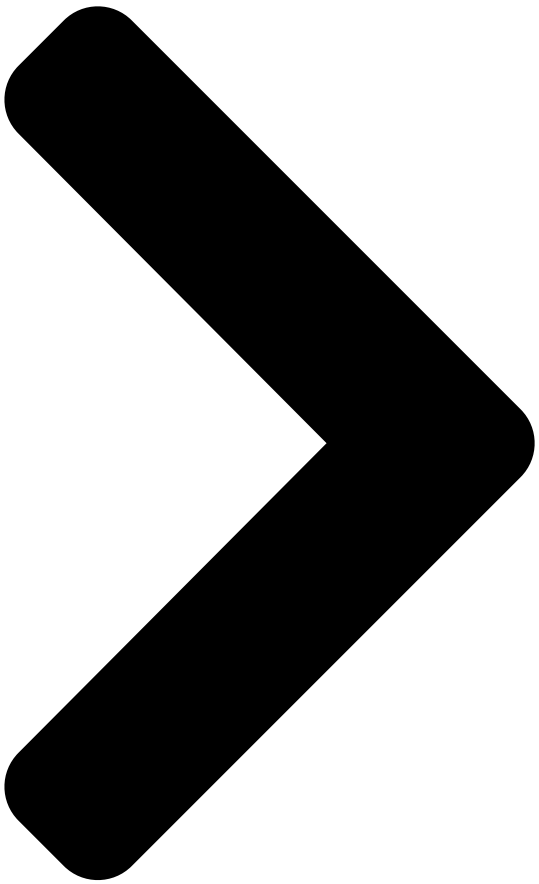

User's Manual

L500/L505/L500D/L505D

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Related Manuals for Toshiba PORTABLE PERSONAL COMPUTER L500

Laptop Toshiba L500-ST2521 User Manual

L500-st2521 user's guide (234 pages)

Laptop Toshiba Satellite L505 Manual Del Usuario

User guide 2 (231 pages)

Laptop Toshiba Satellite L550 series User Manual

(218 pages)

Laptop Toshiba Satellite L500 User Manual

(214 pages)

Laptop Toshiba Satellite L505-GS5035 User Manual

Portable personal computer (192 pages)

Laptop Toshiba Satellite L500-01K00Y Resource Manual

Toshiba satellite l500 series reference guide (56 pages)

Laptop Toshiba Satellite L500D Maintenance Manual

(246 pages)

Laptop Toshiba Satellite L550-ST5707 Resource Manual

Toshiba satellite l550-st5707: reference guide (60 pages)

Laptop Toshiba Satellite L505D-S5986 Specifications

Toshiba satellite l505d-s5986: specifications (4 pages)

Laptop Toshiba Satellite L505D-S5994 Specifications

Toshiba satellite l505d-s5994: specifications (4 pages)

Laptop Toshiba Satellite A505-S5993 Specifications

Toshiba satellite a505-s5993: specifications (4 pages)

Laptop Toshiba PSLU0U-0MX035 Brochure

Brochure (4 pages)

Laptop Toshiba Satellite L505-ES5015 Specifications

Toshiba satellite l505-es5015: specifications (4 pages)

Laptop Toshiba Satellite L505-S5997 Specifications

Toshiba satellite l505-s5997: specifications (4 pages)

Laptop Toshiba L505-SP6015L Product Specification

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Laptop Toshiba SATELLITE L505-S6951 User Manual

Toshiba laptop user manual (3 pages)

Summary of Contents for Toshiba PORTABLE PERSONAL COMPUTER L500

Page 1 User’s Manual L500/L505/L500D/L505D computers.toshiba-europe.com...

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reserved. Under the copyright laws, this manual cannot be reproduced in any form without the prior written permission of TOSHIBA. No patent liability is assumed, with respect to the use of the information contained herein.

Page 3 “CE” and comply therefore with the applicable harmonized European standards listed under the Low Voltage Directive 2006/95/EC, the EMC Directive 2004/108/EC and/or R&TTE Directive 1999/5/EC. Responsible for CE-marking: TOSHIBA EUROPE GMBH, Hammfelddamm 8, 41460 Neuss, Germany Manufacturer: Toshiba Corporation, 1-1 Shibaura 1-chome, Minato-ku, Tokyo, 105-8001, Japan...

Page 4 EMC (Electromagnetic Compatibility) and safety standards. However, TOSHIBA cannot guarantee that this product still observes these EMC standards if options or cables not produced by TOSHIBA are connected or implemented. In this case the persons who have connected / implemented those options / cables have to provide assurance that the system (PC plus options / cables) still fulfils the required standards.

Page 5 For more detailed information about the collection and recycling programmes available in your country, please visit our website (http://eu.computers.toshiba-europe.com) or contact your local city office or the shop where you purchased the product. Disposal of batteries and/or accumulators The crossed out wheeled dust bin symbol indicates that batteries and/or accumulators must be collected and disposed of separately from household waste.

Page 6 ENERGY STAR logo on the computer and the following information applies. TOSHIBA is a partner in the ENERGY STAR Program and has designed this computer to meet the latest ENERGY STAR guidelines for energy efficiency.

Page 7 Following information is only for Turkey: Compliant with EEE Regulations: Toshiba meets all requirements of Turkish regulation 26891 “Restriction of the use of certain hazardous substances in electrical and electronic equipment”. The number of possible pixel failures of your display is defined according to ISO 13406-2 standards.

Page 8: Optical Disc Drive Safety Instructions

L500/L505/L500D/L505D Optical disc drive safety instructions The drive employs a laser system. To ensure proper use of this product, please read this instruction manual carefully and retain for future reference. Should the unit ever require maintenance, contact an authorized service location. Use of controls, adjustments or the performance of procedures other than those specified may result in hazardous radiation exposure To prevent direct exposure to the laser beam, do not try to open the...

Page 9 Location of the required label PRODUCT IS CERTIFIED BY THE MANUFACTURER TO COMPLY WITH DHHS RULES 21 CFR CHAPTER 1, SUBCHAPTER J, APPLICABLE AT THE DATE OF MANUFACTURE. Toshiba Samsung Storage Technology Korea Corporation 416, Maetan-3Dong, Yeongtong-Gu, Suwon City, Gyeonggi-Do, 443-742, Korea L500/L505/L500D/L505D...

Page 10 L500/L505/L500D/L505D International precautions CAUTION: This appliance contains a laser system and is classified as a “CLASS 1 LASER PRODUCT.” To use this model properly, read the instruction manual carefully and keep this manual for your future reference. In case of any trouble with this model, please contact your nearest “AUTHORIZED service station.”...

Page 11 L500/L505/L500D/L505D OBS! Apparaten innehåller laserkomponent som avger laserstråining överstigande gränsen för laserklass 1. VAROITUS. Suojakoteloa si saa avata. Laite sisältää laserdiodin, joka lähetää näkymätöntä silmilie vaarallista lasersäteilyä. CAUTION: USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED IN THE OWNER’S MANUAL MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

Page 12: Table Of Contents

Special features ..... . .1-8 TOSHIBA Value Added Package .....1-10 Utilities and Applications .

Page 13 TOSHIBA support .....

Page 14 TOSHIBA PC Health Monitor Appendix E Starting the TOSHIBA PC Health Monitor ..... E-2 If your computer is stolen Appendix F...

Page 15: Preface

Preface Congratulations on your purchase of the TOSHIBA L500/L505/L500D/ L505D computer. This powerful notebook computer provides excellent expansion capability, includes multimedia functionality, and is designed to provide years of reliable, high-performance computing. This manual tells how to set up and begin using your L500/L505/L500/ L500D computer.

Page 16: Key Operation

L500/L505/L500D/L505D Chapter 7, HW Setup and computer using the HW Setup program. It also tells how to set a password. Chapter 8, Optional Chapter 9, Troubleshooting, provides helpful information on how to perform some diagnostic tests, and suggests courses of action if the computer doesn't seem to be working properly.

Page 17

Display Messages Messages are used in this manual to bring important information to your attention. Each type of message is identified as shown below. Pay attention! A caution informs you that improper use of equipment or failure to follow instructions may cause data loss or damage your equipment.

Page 18: General Precautions

L500/L505/L500D/L505D General Precautions TOSHIBA computers are designed to optimize safety, minimize strain and withstand the rigors of portability. However, certain precautions should be observed to further reduce the risk of personal injury or damage to the computer. Be certain to read the general precautions below and to note the cautions included in the text of the manual.

Page 19

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. Stress injury Carefully read the Instruction Manual for Safety and Comfort. It contains information on the prevention of stress injuries to your hands and wrists that can be caused by extensive keyboard use.

Page 20

L500/L505/L500D/L505D User's Manual...

Page 21: Chapter 1 Introduction

Some of the features described in this manual may not function properly if you use an operating system that was not pre-installed by TOSHIBA. Equipment checklist Carefully unpack your computer, taking care to save the box and packaging materials for future use.

Page 22

Online Manual SD Memory Card Format Utility and other SD functions are packaged into TOSHIBA SD Memory Utilities. When uninstalling the SD utilities, click Start -> Control Panel -> Uninstall a program, and select TOSHIBA SD Memory Utilities. User's Manual...

Page 23: Features

User's Manual The processor type varies depending on model. To check which type of processor is included in your model, open the TOSHIBA PC Diagnostic Tool Utility by clicking Start -> All programs -> TOSHIBA -> Utilities -> PC Diagnostic Tool.

Page 24

L500/L505/L500D/L505D Video RAM Disks Hard disk drive or Solid state drive Additional hard disk drive sizes may be introduced. Video RAM depends on the model you purchased. Mobile Intel ® GM45 Express Chipset model/ Mobile Intel ® GL40 Express Chipset model: Video RAM capacity shares with main memory, and the proportion depends on Dynamic Video Memory Technology.

Page 25: Optical Disc Drive

Optical disc drive Your computer is equipped with a full-size DVD Super Multi drive module that lets you run CDs or DVDs without using an adaptor. DVD Super Multi drive Keyboard Built-in User's Manual The drive reads DVD-ROMs at a maximum 8x speed and CD-ROMs at a maximum 24x speed, and writes CD-Rs at up to 24x speed, CD-RWs at up to 24x speed, DVD-RWs at up to 6x speed,...

Page 26: Pointing Device

L500/L505/L500D/L505D Pointing Device Built-in Touch Pad Power Battery pack RTC battery AC

adaptor Ports External monitor Universal Serial Bus (USB 2.0) Slots Bridge media The integrated Touch Pad and control buttons in the palm rest allow control of the on-screen pointer and support functions such as the scrolling of windows.

Page 27 You can use it for video chatting or video conferences using a communication tool such as Windows Live Messenger. Toshiba Web Camera Application will help you to add various video effects to your video or photograph.

Page 28: Special Features

TOSHIBA Utilities Plug and Play Special features The following features are either unique to TOSHIBA computers or are advanced features which make the computer more convenient to use. Access each function using the following procedures. * To access the Power Options, click Start -> Control Panel -> System and Security ->...

Page 29 HDD automatic power off System automatic Sleep/Hibernation Mode Power on password Instant security Intelligent power supply Battery save mode Low battery automatic Hibernation Mode Heat dispersal If the processor's temperature reaches an unacceptably high level with either setting, the computer will automatically shut down to prevent any damage - in this instance any unsaved data in memory will be lost.

Page 30: Toshiba Value Added Package

L500/L505/L500D/L505D Hibernation Mode Sleep Mode TOSHIBA Value Added Package This section describes the TOSHIBA Component features pre-installed on the computer. TOSHIBA Power Saver TOSHIBA Zooming Utility TOSHIBA PC Diagnostic Tool TOSHIBA Flash Cards TOSHIBA Accessibility 1-10 This feature lets you turn off the power to the computer without exiting from your software.

Page 31: Utilities And Applications

Windows by Toshiba Bluetooth functions cannot be used in models that do not have a Bluetooth module installed. TOSHIBA Assist HW Setup utility TOSHIBA ConfigFree TOSHIBA ConfigFree is a suite of utilities that TOSHIBA Disc Creator TOSHIBA eco Utility User's Manual...

Page 32 Lock button at the bottom of the right pane in the start menu. TOSHIBA Assist: This can be used to open TOSHIBA Assist if it is already installed in your computer. This software is provided for playback of DVD Video.It has an on-screen interface and functions.

Page 33: Options

Options You can add a number of options to make your computer even more powerful and convenient to use. The following options are available: Memory expansion Battery Pack AC Adaptor USB Floppy Diskette Drive Security lock User's Manual A 1GB, 2GB or 4GB memory module (PC3-8500/PC2-6400) can easily be installed in the computer.

Page 34 L500/L505/L500D/L505D 1-14 User's Manual...

Page 35: Chapter 2 The Grand Tour

The Grand Tour This chapter identifies the various components of your computer. Become familiar with each component before you operate the computer. Front with the display closed The following figure shows the computer's front with its display panel in the closed position.

Page 36: Left Side

L500/L505/L500D/L505D Keep foreign metal objects, such as screws, staples and paper clips, out of the Bridge media slot. Foreign metal objects can create a short circuit, which can cause damage and fire, possibly resulting in serious injury. Left side The following figure shows the computer's left side. 1.

Page 37: Right Side

HDMI out port eSATA/USB combo port Microphone jack Headphone jack Right side The following figure shows the computer's right side. 1. Optical disc drive 2. Universal Serial Bus (USB 2.0) ports 3. DC IN 19V jack 4. Security lock slots Optical disc drive Universal Serial Bus (USB 2.0) port...

Page 38: Underside

L500/L505/L500D/L505D DC IN 19V jack Security lock slot Underside The following figure shows the underside of the computer. You should ensure that the display is closed before the computer is turned over to avoid causing any damage. 1. Battery 2. Battery safety lock 3.

Page 39

Battery safety lock Battery release latch Cooling vents Memory module slots Hard disk drive User's Manual Slide this latch into its "Unlock" position in order to release the battery pack and prepare for removal. Slide and hold this latch into its "Unlock" position in order to release the battery pack.

Page 40: Front With The Display Open

L500/L505/L500D/L505D Front with the display open This section shows the computer with the display panel open. In order to open the display, lift the display panel up and position it at a comfortable viewing angle for you. 1. Display screen 2.

Page 41

Power button Stereo speakers Keep foreign objects out of the speakers. Never allow metal objects, such as screws, staples and paper clips, to enter the computer or keyboard. Foreign metal objects can create a short circuit, which can cause computer damage and fire, possibly resulting in serious injury.

Page 42: Front Operation Panel

You can use it for video chatting or video conferences using a communication tool such as Windows Live Messenger. Toshiba Web Camera Application will help you to add various video effects to your video or photograph.

Page 43: System Indicators

Next button Mute button System indicators The LED system indicators for specific computer operations glow when those operations are in progress. DC IN Power Battery HDD/ODD/eSATA Bridge media slot User's Manual Press this button to advance to the next track, chapter or data.

Page 44: Keyboard Indicators

L500/L505/L500D/L505D Keyboard indicators The following figures show the positions of the CAPS LOCK indicator and the NUM LOCK indicator. CAPS LOCK NUM LOCK 2-10 Figure 2-8 Keypad indicators This indicator glows green when letter keys are locked into their uppercase format. When the Number Lock indicator lights green, you can use the numeric functions of the right side of the keyboard.

Page 45: Optical Disc Drive

This section describes the types of writable CD/DVD discs. Check the specifications of your drive to see the types of discs it can write. Use TOSHIBA Disc Creator to write compact discs. Please refer to Chapter 4, Operating Basics CD-R discs can be written only once. The recorded data cannot be erased or changed.

Page 46: Dvd Super Multi Drive

L500/L505/L500D/L505D DVDs DVD-R, DVD+R, DVD-R (Dual Layer) and DVD+R (Double Layer) discs can be written only once. The recorded data cannot be erased or changed. DVD-RW, DVD+RW and DVD-RAM discs can be recorded more than once. Some types and formats of DVD-R (Dual Layer) and DVD+R (Double Layer) discs may be unreadable.

Page 47: Ac Adaptor

Always use the TOSHIBA AC adaptor that was included 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.

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L500/L505/L500D/L505D 2-14 User's Manual...

Page 49: Chapter 3 Getting Started

Getting Started If the battery pack is not pre-installed in the computer that you purchased, please install the battery pack before you start using the computer. Please refer to Chapter 6,

information about installing the battery pack. All users should be sure to read the section Be sure to read the enclosed Instruction Manual for Safety and Comfort for information on the safe and proper use of this computer.

Page 50: Connecting The Ac Adaptor

Chapter 6, Always use the TOSHIBA AC adaptor that was included 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 51 1. Connect the power cord to the AC adaptor. Figure 3-1 Connecting the power cord to the AC adaptor (2-pin plug) Figure 3-2 Connecting the power cord to the AC adaptor (3-pin plug) Either a 2-pin or 3-pin adaptor/cord will be included with the computer depending on the model.

Page 52: Opening The Display

L500/L505/L500D/L505D Opening the display The display panel can be opened to a wide range of angles for optimal viewing. While holding down the palm rest with one hand so that the main body of the computer is not raised, slowly lift the display panel - this will allow the angle of the display panel to be adjusted to provide optimum clarity.

Page 53: Turning On The Power

Turning on the power This section describes how to turn on the power - the Power indicator light will then indicate the status. Please refer to the Monitoring of power condition section in Chapter 6, information. After you turn on the power for the first time, do not turn it off until you have set up the operating system.

Page 54: Turning Off The Power

L500/L505/L500D/L505D Turning off the power The power can be turned off in one of three modes, either Shut Down Mode, Hibernation Mode or Sleep Mode. Shut Down Mode When you turn off the power in Shut Down Mode no data will be saved and the computer will boot to the operating system’s main screen the next time it is turned on.

Page 55 Benefits of Hibernation Mode The Hibernation Mode feature provides the following benefits: Saves data to the hard disk drive when the computer automatically shuts down because of a low battery condition. You can return to your previous working environment immediately when you turn on the computer.

Page 56: Sleep Mode

L500/L505/L500D/L505D Sleep Mode If you have to interrupt your work, you are able to turn off the power without exiting from your software by placing the computer into Sleep Mode. In this mode data is maintained in the computer’s main memory so that when you turn on the power again, you can continue working right where you left off.

Page 57: Restarting The Computer

Executing Sleep Mode You can also enable Sleep Mode by pressing FN + F3 - please refer to Chapter 5, You can enter Sleep Mode in one of three ways: Click Start then click the arrow Close the display panel. Please note that this feature must be enabled within the Power Options (to access it, click Start ->...

Page 58: System Recovery Options

Creating optical Recovery Discs and restoring the pre-installed software from them Restoring the pre-installed software from the Recovery hard disk drive Ordering Recovery Discs from TOSHIBA and restoring the pre-installed software from them* * Please note that this service is not free-of-charge.

Page 59 5. Select the TOSHIBA Recovery Media Creator icon from the Windows 7 Start menu. 6. After TOSHIBA Recovery Media Creator starts, select the type of media and the title you wish to copy, and then click the Create button. User’s Manual...

Page 60 2. While holding down F12 key on the keyboard, turn on your computer - when TOSHIBA Leading Innovation>>> appears, release the F12 key. 3. Use the up and down cursor

keys to select the CD-ROM icon from the menu.

Page 61 Please set your BIOS to default before you recover your computer to the factory state! Ordering Recovery Discs from TOSHIBA* You can order Product Recovery discs for your notebook from the TOSHIBA Europe Backup Media Online Shop. * Please note that this service is not free-of-charge. 1. Visit https://backupmedia.toshiba.eu 2.

Page 62 L500/L505/L500D/L505D 3-14 User's Manual...

Page 63: Chapter 4 Operating Basics

Operating Basics This chapter describes the basic operations of your computer and highlights the precautions that should be taken when using it. Using the Touch Pad To use the Touch Pad, simply touch and move your fingertip across it in the direction you want the on-screen pointer to go.

Page 64 L500/L505/L500D/L505D Touch Pad Gesture There are four convenient gestures that make users operate the system easier and faster. ChiralMotion You can scroll vertically and horizontally. To enable these features, select the Enable vertical scrolling and Enable horizontal scrolling check boxes. Click on the window or item you wish to scroll and slide your finger upwards or downwards along the right edge of the TouchPad to scroll vertically.

Page 65: Using The Optical Disk Drive

You can also tap the Touch Pad to perform functions similar to those of the left button on a standard mouse. Click: Tap once Double-click: Tap twice Drag and drop: Tap to select the item(s) you want to move, leave your finger on the Touch Pad after the second tap and then move the item(s) to their new destination.

Page 66 L500/L505/L500D/L505D 2. Grasp the disc tray gently and pull until it is fully opened. 3. Lay the CD/DVD, label side up, in the disc tray. When the disc tray is fully opened, the edge of the computer will extend slightly over the area where you insert the media. Therefore, when loading a CD or DVD, you will need to turn it slightly at an angle when you place it in the disc tray.

Page 67: Removing Discs

4. Press the center of the CD/DVD gently until you feel it click into place on the center spindle. The disc should be slightly below the top of the spindle and flush with the spindle base. 5. Press the center of the disc tray in order to close it - the tray will click into place when it is locked.

Page 68: Front Operation Panel

L500/L505/L500D/L505D How to remove a CD/DVD when the disc tray will not open Pressing the eject button will not open the disc tray when the computer is turned off although, in these circumstances, you can open the tray by inserting a slender object such as a straightened paper clip about 15mm into the eject hole just to the right of the drive's eject button.

Page 69: Writing Cd/Dvd On Dvd Super Multi Drive

CD-R/RW media cannot be accessed using the Create CD/DVD option in Media Center. To write data to CD-R/-RW media, use the TOSHIBA Disc Creator feature that is installed on your computer. When writing information to media using an optical drive, you should always ensure that you connect the AC adaptor to a live power socket.

Page 70: Before Writing Or Rewriting

Layer), DVD-RW, DVD+R, DVD+R (Double Layer), DVD+RW or DVD-RAM media, however, it must be noted that disc quality can affect write or rewrite success rates. Please also be aware that in no event does TOSHIBA guarantee the operation, quality or performance of any disc. CD-R: TAIYO YUDEN CO., Ltd.

Page 71 DVD-RW: DVD Specifications for Recordable Disc for Version 1.1 or version 1.2 Victor Company of Japan, Ltd. (JVC) (for 2x, 4x and 6x speed media) MITSUBISHI KAGAKU MEDIA CO., LTD. (for 2x, 4x and 6x speed media) DVD+RW: MITSUBISHI KAGAKU MEDIA CO., LTD. (for 2.4x, 4x and 8x speed media) DVD-RAM: DVD Specifications for DVD-RAM Disc for Version 2.0, Version 2.1...

Page 72 CD/DVD - do not try to write from shared devices such as a server or any other network device. Writing with software other than TOSHIBA Disc Creator has not been confirmed, therefore operation with other software applications cannot be guaranteed.

Page 73: When Writing Or Rewriting

Keep mobile phones and other wireless communication devices away from the computer. Disclaimer TOSHIBA does not bear responsibility for the following: Damage to any CD-R, CD-RW, DVD-R, DVD-R (Dual Layer), DVD-RW, DVD+R, DVD+R (Double Layer), DVD+RW or DVD-RAM disc that may be caused by writing or rewriting with this product.

Page 74: Toshiba Disc Creator

Creator. TOSHIBA Disc Creator cannot record in packet format. You might not be able to use the “Disc Backup” function of TOSHIBA Disc Creator to back up a DVD-R, DVD-R (Dual Layer), DVD-RW, DVD+R, DVD+R (Double Layer) or DVD+RW disc that was made with other software on a different optical media recorder.

Page 75: Data Verification

Start -> All Programs -> TOSHIBA -> CD&DVD Applications -> Disc Creator Help TOSHIBA DVD Player Please be aware of the following limitations when you use the TOSHIBA DVD PLAYER: Notes on use Frame dropping, audio skipping or out of sync audio and video may occur during playback of some DVD Video titles.

Page 76 Fn + F1 keys when running the “TOSHIBA DVD PLAYER”. Display Devices & Audio 1. “TOSHIBA DVD PLAYER” will only run when “Colors” is set to “Highest (32 bit)”. The “Colors” setting can be adjusted on the “Monitor” tab in display device property.

Page 77 5. Carry out the installation/uninstallation of the “TOSHIBA DVD PLAYER” under a user account with administrator rights. 6. Do not change Windows Users while “TOSHIBA DVD PLAYER” is running. 7. For some DVD Video discs, using the control window to change the audio track will also change the subtitle track.

Page 78: Media Care

L500/L505/L500D/L505D Media care This section provides tips on protecting data stored on your CD’s, DVD’s and floppy diskettes. Handle your media with care. Following the simple precautions listed below will increase the lifetime of your media and protect the data stored on it. CD/DVDs 1.

Page 79: Sound System

8. Data may be lost if the floppy diskette is twisted, bent, or exposed to direct sunlight, extreme heat or cold. 9. Do not place heavy objects on your floppy diskettes. 10. Do not eat, smoke, or use items such as erasers near your floppy diskettes as foreign particles inside the jacket of the floppy diskette can damage the magnetic surface.

Page 80: Speaker Configuration

L500/L505/L500D/L505D When you first launch the Realtek Audio Manager, you will see following device tabs. Speakers is the default output device. Microphone is the default input device. To change the default device, click the Set Default Device button under the chosen device tab. Speakers is the default output device.

Page 81: Using The Web Camera

You can use it for video chatting or video conferences using a communication tool such as Windows Live Messenger. Toshiba Web Camera Application will help you to add various video effects to your video or photograph.

Page 82: Using Toshiba Web Camera Application

L500/L505/L500D/L505D Using TOSHIBA Web Camera Application TOSHIBA Web Camera Application is pre-configured to start when you turn on Windows 7 ; if you need to restart it go to Start -> All Programs -> TOSHIBA -> Utilities -> Web Camera Application.

Page 83: Using Toshiba Face Recognition

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 84

L500/L505/L500D/L505D 2. Click the Register face button in the Management screen. The Registration screen is displayed. If you wish to practice, click on the Next button in the Registration screen. If you do not wish to practice, click on the Skip button in the Registration screen.

Page 85

How to launch the help file For further information on this utility, please refer to the help file. 1. To launch the help file, click Start -> All Programs -> TOSHIBA -> Utilities -> Face Recognition Help. Windows Logon via TOSHIBA Face Recognition This section explains how to login to Windows with TOSHIBA Face Recognition.

Page 86: Wireless Communications

L500/L505/L500D/L505D 1:1 Mode Login screen 1. Turn on the computer. 2. The Select Tiles screen will be displayed. 3. Select Start face recognition (4. The Select Account screen will be displayed. 5. Select the account, and click the Arrow button. 6.

Page 87: Bluetooth Wireless Technology

If this occurs, the outsider may illegally access your system, eavesdrop, or cause the loss or destruction of stored data. TOSHIBA is not liable for the loss of data due to eavesdropping or illegal access through the wireless LAN and the damage thereof. Bluetooth wireless technology Bluetooth™...

Page 88: Wireless Communication Indicator

This Bluetooth Stack is based on the Bluetooth Version 2.1+EDR specification. However, TOSHIBA cannot confirm the compatibility between any computing products and/or other electronic devices that use Bluetooth, other than TOSHIBA notebook computers.

Page 89: Lan

If you used the Taskbar to disable the wireless LAN, restart the computer or perform the following procedure to re-enable it: Click Start, open Control Panel, click System and Security, click Device Manager on System category, double-click Network Adapters, and right click the wireless device then choose Enable.

Page 90: Lan Cable Types

L500/L505/L500D/L505D LAN cable types The computer must be configured properly before connecting to a LAN. Logging onto a LAN using the computer's default settings could cause a malfunction in LAN operation. Check with your LAN administrator regarding set-up procedures. If you are using Fast Ethernet LAN (100 megabits per second, 100BASE-TX), be sure to connect with a CAT5 cable or higher.

Page 91: Cleaning The Computer

Disconnecting the LAN cable Make sure the LAN Active indicator (amber LED) is out before you disconnect the computer from the LAN. To disconnect the LAN cable, follow the steps as detailed below: 1. Pinch the lever on the connector in the computer's LAN jack and pull out the connector.

Page 92: Moving The Computer

L500/L505/L500D/L505D Moving the computer While the computer is designed for rugged durability you should exercise a few simple precautions when moving it in order to help ensure trouble-free operation. Make sure all disk/disc activity has ended before moving the computer - check that the HDD and other indicators on the front of the computer are off.

Page 93: Chapter 5 The Keyboard

The Keyboard The computer's keyboard layouts are compatible with a 104/105-key enhanced keyboard - by pressing some keys in combination, all of the 104/105-key enhanced keyboard functions can be performed on the computer. The number of keys available on your keyboard will depend on which country/region your computer is configured for, with keyboards being

available for numerous languages.

Page 94: Function Keys: F1

Soft keys: FN key combinations The FN (function) key is unique to TOSHIBA computers and is used in combination with other keys to form soft keys. Soft keys are key combinations that enable, disable or configure specific features.

Page 95: Hot Keys

Hot keys Hot keys (pressing FN + a function or ESC key) let you enable or disable certain features of the computer. Mute: Pressing FN + ESC turns the volume on and off. Lock: Pressing FN + F1 enters “Lock computer mode”. To restore your desktop, you need to log on again.

Page 96: Fn Sticky Key

FN Sticky key You can use the TOSHIBA Accessibility Utility to make the FN key sticky, that is, you can press it once, release it, and then press an “F Number” key. To start the TOSHIBA Accessibility utility, click Start -> All Programs ->...

Page 97: Windows Special Keys

Windows special keys The keyboard provides two keys that have special functions in Windows: Windows Start Button activates the Start menu and the other, the application key, has the same function as the secondary mouse button. This key activates the Windows Start menu. This key has the same function as the secondary (right) mouse button.

Page 98 L500/L505/L500D/L505D User’s Manual...

Page 99: Chapter 6 Power And Power-Up Modes

Power and Power-up Modes The computer’s power resources include the AC adaptor and internal batteries. This chapter gives details on making the most effective use of these resources including charging and changing batteries, tips for saving battery power, and power-up modes. Power conditions The computer’s operating capability and battery charge status are affected by different power conditions, including whether an AC adaptor is...

Page 100: Power Indicators

L500/L505/L500D/L505D AC adaptor Battery charge is not connected above low battery trigger point Battery charge is below low battery trigger point Battery charge is exhausted No battery installed Power indicators As shown in the below table, the Battery, DC IN and Power indicators on the system indicator alert you to the computer’s operating capability and battery charge status.

Page 101: Battery

DC IN indicator Check the DC IN indicator to determine the power status with the AC adaptor connected - the following indicator conditions should be noted: Green No light Power indicator Check the Power indicator to determine the power status of the computer - the following indicator conditions should be noted: Green Blinking amber...

Page 102: Real Time Clock Battery

The computer’s RTC battery is a lithium battery and should be replaced only by your dealer or by a TOSHIBA service representative. The battery can explode if not properly replaced, used, handled or disposed of.

Page 103: Care And Use Of The Battery Pack

Dispose of the battery as required by local ordinances or regulations. Use only batteries recommended by TOSHIBA as replacements. Charge the battery pack only in an ambient temperature between 5 and 35 degrees Celsius. Otherwise, the electrolyte solution might leak, battery pack performance might deteriorate and the battery life might be shortened.

Page 104 - the Battery indicator will glow amber while the battery is being charged. Use only the computer connected to an AC power source or the optional TOSHIBA Battery charger to charge the battery pack. Never attempt to charge the battery pack with any other charger. Time The following table shows the approximate time required to fully charge a discharged

battery.

Page 105: Monitoring Battery Capacity

In such cases you should follow the steps as detailed below: 1. Fully discharge the battery by leaving it in the computer with the power on until the system automatically turns itself off. 2. Connect the AC adaptor to the DC IN 19V jack of the computer, and to a wall outlet that is supplying power.

Page 106: Retaining Data With Power Off

L500/L505/L500D/L505D Whether you close the display panel when you are not using the keyboard - closing the display saves power. The environmental temperature - operating time decreases at low temperatures. The condition of the battery terminals - you should always ensure the terminals stay clean by wiping them with a clean dry cloth before installing the battery pack.

Page 107: Replacing The Battery Pack

Disconnect the AC adaptor when the battery is fully charged - overcharging will make the battery hot and can shorten its operating life. If you are not going to use the computer for more than eight hours, disconnect the AC adaptor. Store spare battery packs in a cool dry place out of direct sunlight.

Page 108 L500/L505/L500D/L505D 5. Slide the battery safety lock towards the release (the battery release latch movable. 6. Slide and hold the battery release latch (1) to disengage the battery pack and then remove it from the computer (2). 6-10 Figure 6-1 Releasing the battery pack (1) Figure 6-2 Releasing the battery pack (2)) position to make User’s Manual...

Page 109: Toshiba Password Utility

(2) is in its position. 3. Turn your computer over. TOSHIBA Password Utility The TOSHIBA Supervisor Password Utility allows you to maintain an additional level of security and provides two levels of password security: User and Supervisor. Passwords set in TOSHIBA Supervisor Password Utility are different from...

Page 110: Power-Up Modes

If you set a supervisor password, some functions will be restricted when a user logs on with the user password. To set a supervisor password: TOSHIBA Assist -> SECURE -> Supervisor password This utility lets you do the following: Register or delete the supervisor password.

Page 111: System Auto Off

Hot keys You can use the FN + F3 hot key to enter Sleep Mode or FN + F4 to enter Hibernation Mode - please refer to Chapter 5, details. Panel power on/off You can set up your computer so that power is turned off automatically when you close the display panel, and turned on again when you open it.

Page 112 L500/L505/L500D/L505D 6-14 User’s Manual...

Page 113: Chapter 7 Hw Setup And Passwords

TOSHIBA HW Setup allows you to configure settings for General, Password, Display, Boot Priority, Keyboard, USB, LAN. If the supervisor password is set, access to the TOSHIBA HW Setup program can be prevented when the user password is used to log on to the computer.

Page 114: User Password

L500/L505/L500D/L505D General This window displays the BIOS version and contains two buttons: Default About Setup This field displays BIOS Version and date. When finish BIOS update, please restart your computer and press F2 into BIOS setup manual and load BIOS default one time. Password User Password This option allows you to set or reset the user password for power on.

Page 115: Boot Priority

3. Click the OK button. If the character string you enter matches the registered password, the password option is reset and the display changes to: Not registered If they do not match, the following message appears. You must repeat step 1. Incorrect Password!!! If you enter the

password incorrectly three times in a row, the computer will shut down.

Page 116

L500/L505/L500D/L505D Legacy USB Support Use this option to enable or disable USB Legacy Emulation. If your operating system does not support USB, you can still use a USB mouse and keyboard by setting the USB Legacy Emulation item to enabled. Enabled Disabled Wake-up on LAN...

Page 117: Chapter 8 Optional Devices

Optional Devices Optional devices can expand the computer's capabilities and its versatility. This chapter describes the connection or installation of the following devices: To connect optional devices (such as USB device or External monitor) to the computer, be sure to check the shape and orientation of the connector before connecting.

Page 118: Bridge Media Slot

L500/L505/L500D/L505D Bridge media slot The computer is equipped with a Bridge media slot that can accommodate some kinds of memory media with various memory capacities so that you can easily transfer data from devices, such as digital cameras and Personal Digital Assistants. Keep foreign objects out of the Bridge media slot.

Page 119: Memory Media

SD/SDHC memory cards, not with the format command provided within Windows. The method of launching SD format utility is to click Start -> All Programs -> TOSHIBA -> Utilities -> SD Memory Card Format. User's Manual Capacities 8MB, 16MB, 32MB, 64MB, 128MB, 256MB,...

Page 120: Additional Memory Module

The computer will operate in dual channel mode. You can access the inserted memory modules efficiently in dual channel. Use only memory modules approved by TOSHIBA. Do not try to install or remove a memory module under the following conditions.

Page 121: Installing A Memory Module

Installing a memory module The computer contains slots for two memory modules, one positioned immediately over the other - the procedures are the same for installing either module. 1. Shut down the computer - make sure the Power indicator is off (refer to Turning off the power required).

Page 122

L500/L505/L500D/L505D Never allow metal objects, such as screws, staples and paper clips, to enter the computer or keyboard. Foreign metal objects can create a short circuit, which can cause computer damage and fire, possibly resulting in serious injury. Do not touch the connectors on the memory module or on the computer.

Page 123: Battery Packs

Removing a memory module To remove the memory module, follow the steps as detailed below: 1. Set the computer to Boot Mode and turn its power off - make sure the Power indicator is off (refer to the Chapter 3, 2.

Page 124: Usb Floppy Diskette Drive

L500/L505/L500D/L505D USB floppy diskette drive The USB floppy diskette drive accommodates either a 1.44MB or 720KB a 3 1/2" floppy diskette and connects to one of the computer's USB ports. The USB floppy diskette drive is available only as an option. 1.

Page 125

Using the USB floppy diskette drive The USB floppy diskette drive accommodates either a 1.44MB or 720KB floppy diskette and connects to one of the computer's USB ports. Connecting the USB floppy diskette drive To connect the drive, plug the floppy diskette drive's USB connector into one of the computer's free USB ports.

Page 126: Esata (External Serial Ata)

L500/L505/L500D/L505D 2. Click the Safely Remove Hardware icon on the Task Bar. 3. Click the USB floppy diskette drive device that you want to remove. 4. Carefully pull the floppy diskette drive's USB connector out from within the computer's USB port. eSATA (External Serial ATA) An device corresponding to eSATA function can be connected to the eSATA/USB combo port on the

computer.

Page 127: External Monitor

Disconnecting an eSATA device When you have finished using an eSATA device, you can follow the procedures below in order to disconnect it: 1. Wait for the indicator light of an eSATA device to go out to make sure all activity has stopped.

Page 128: Television Via Hdmi

L500/L505/L500D/L505D When you turn on the power, the computer will automatically recognize the monitor and determine whether it is a color or monochrome device. If you have problems on getting an image displayed on the correct monitor, you should use the FN + F5 hot key to change the display settings (if you then disconnect the external monitor before you turn the computer's power off, be sure to press FN + F5 hot key again to switch to the internal display).

Page 129 For Intel 1. Click Start -> Control Panel -> Appearance and Personalization -> Personalization -> Display -> Adjust screen resolution. 2. Click the Advanced Setting button. The Generic PnP Monitor and Mobile Intel-> Arrandale Graphics Properties dialogue box opens. 3. Click the Graphics Properties button. User's Manual L500/L505/L500D/L505D 8-13...

Page 130 L500/L505/L500D/L505D 4. In the subsequent dialogue box, click Display -> Multiple Displays and then set up your television and notebook displays. For ATI 1. Click Start -> All Programs -> Catalyst Control Center -> CCC. 8-14 User's Manual...

Page 131 L500/L505/L500D/L505D 2. Click Graphics and select Desktop & Displays. 3. Click the triangle icon on TV and select the display mode for TV. User's Manual 8-15...

Page 132: Security Lock

L500/L505/L500D/L505D Security lock A security locks enable you to anchor your computer to a desk or other heavy object in order to help prevent unauthorized removal or theft. The computer has a security lock slot on its right side into which you can attach one end of the security cable, while the other end attaches to a desk or similar object.

Page 133: Chapter 9 Troubleshooting

Troubleshooting TOSHIBA have designed this computer for durability, however, should problems occur you are able to use the procedures detailed in this chapter to help determine the cause. All users should become familiar with this chapter as knowing what might go wrong can help prevent problems from occurring in the first place.

Page 134: Preliminary Checklist

L500/L505/L500D/L505D Preliminary checklist You should always consider the simplest solution first - the items detailed in this checklist are easy to fix and yet may cause what appears to be a serious problem: Make sure you turn on all peripheral devices before you turn on the computer - this includes your printer and any other external device you are using.

Page 135: Hardware And System Checklist

Hardware Before using a peripheral device or application software that is not an authorized Toshiba part or product, make sure the device or software can be used with your computer. Use of incompatible devices may cause injury or may damage your computer.

Page 136: Self Test

This message remains on the screen for a few seconds. If the self test is successful, the computer tries to load the operating system according to how the Boot Priority option is set within the TOSHIBA HW Setup program. If any of the following conditions are present, the self test has failed: The computer stops and does not proceed to display information or messages except for the TOSHIBA logo.

Page 137: Overheating Power Down

Overheating power down If the processor's temperature reaches an unacceptably high level with either setting, the computer will automatically shut down to prevent any damage - in this instance all unsaved data in memory will be lost. Problem Computer shuts down and DC IN

indicator blinks green It is recommended to leave the computer off until its interior reaches room...

Page 138 L500/L505/L500D/L505D Battery If you suspect a problem with the battery, you should check the status of the DC IN indicator as well as the Battery indicator. Please refer to Chapter 6, Power and Power-up indicators, together with general battery operation. Problem Battery doesn't power the computer...

Page 139: Real Time Clock

2. Press [F5]/[F6] to set the date in [System Date]. 3. Press [F5]/[F6] to set the time in [System Time]. Procedure Please refer to the TOSHIBA Password Utility section in Chapter 6, Power and Power-up Modes, for further information. Keyboard, for further information. Procedure Please refer to your software's documentation to...

Page 140: Hard Disk Drive

You should initially refer to the documentation supplied with you software to determine if it is this that is causing the problems. Alternatively you may wish to run the TOSHIBA PC Diagnostic Tool to check the general operation of the computer.

Page 141 Problem Slow performance DVD Super Multi drive For further information, please refer to Chapter 4, Problem You cannot access a CD/DVD in the drive User's Manual Procedure The files on the hard disk drive may be fragmented - in this instance you should run the Disk Defragmentation utility to check the condition of your files and the hard disk drive.

Page 142 L500/L505/L500D/L505D Problem Some CD/DVD/DVDs run correctly, but others do not USB floppy diskette drive The USB floppy diskette drive is available only as an option. For further information, please refer to Chapter 4, Problem Drive does not operate Check the connection between the computer and Some programs run correctly but others do You cannot access the...

Page 143: Memory Stick/Memory Stick Pro

SD/SDHC memory card, miniSD/microSD Card For further information, please refer to Chapter 8, Problem SD/SDHC memory card, miniSD/microSD Card error occurs You cannot write to an SD/SDHC memory card You cannot read a file Memory Stick/Memory Stick PRO For further information, please refer to Chapter 8, Problem Memory Stick/Memory Stick PRO error...

Page 144: Touch Pad

L500/L505/L500D/L505D MultiMediaCard For further information, please refer to Chapter 8, Problem MultiMediaCard error occurs You cannot read a file Pointing device If you are using a USB mouse, you should also refer to both the device section in this chapter, and the documentation supplied with your mouse.

Page 145 Problem The mouse pointer moves too fast or too slow The reaction of Touch pad is either too sensitive or not sensitive enough. User's Manual Procedure In this instance, you should initially try changing the speed setting within the Mouse Control utility. 1.

Page 146: Usb Mouse

L500/L505/L500D/L505D USB mouse Problem On-screen pointer does not respond to mouse operation Double-clicking does not work The mouse pointer moves too fast or too slow The mouse pointer moves erratically 9-14 Procedure In this instance the system might be busy. Try moving the mouse again after waiting a short while.

Page 147: Usb Device

USB device In addition to the information in this section, please also refer to the documentation supplied with your USB device. Problem USB device does not work eSATA device In addition to the information in this section, please also refer to the documentation supplied with your Problem eSATA device does...

Page 148 L500/L505/L500D/L505D Additional memory module Please also refer to Chapter 8, installing and removing memory modules. Problem If there is a memory malfunction, the Power indicator will repeatedly flash (on for 0.5 seconds, off for 0.5 seconds) in the following patterns:

If there is an error in only slot A or no memory module is...

Page 149: Volume Control

Sound system In addition to the information in this section, please also refer to the documentation supplied with your audio device. Problem No sound is heard Annoying sound is heard Volume control Problem No sound is heard Annoying sound is heard User's Manual Procedure...

Page 150

L500/L505/L500D/L505D External monitor Please also refer to Chapter 8, supplied with your monitor for further information. Problem Monitor does not turn No display Display error occurs 9-18 Optional Devices, and to the documentation Procedure After confirming that the monitor's power switch is on, you should check the connections to make sure that the power cord/adaptor is firmly connected to the monitor and to a working power...

Page 151: Wireless Lan

If problems persist, consult your LAN administrator. Basics. Procedure Please check Start -> All programs -> Toshiba -> Utilities -> Toshiba HWSetup and click Lan tab to check the Wireless Communication Switch setting is "ON". Operating Basics.

Page 152: Toshiba Support

- they are your best resource for current information and support. Where to write If you are still unable to solve the problem and suspect that it is hardware related, write to TOSHIBA at the location listed in the enclosed warranty booklet or visit 9-20 Procedure Try adjusting the contrast and brightness controls on the television.

Page 153

Disclaimers This chapter states the Disclaimer(s) information applicable to TOSHIBA computers. Central Processing Unit ("CPU") Performance Disclaimer. CPU performance in your computer product may vary from specifications under the following conditions: use of certain external peripheral products use if battery power instead of AC power...

Page 154: Battery Life

Published battery life numbers are achieved on select models and configurations tested by Toshiba at the time of publication. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power.

Page 155: Hdd Drive Capacity

HDD drive capacity One Gigabyte (GB) means 10 The computer operating system, however, reports storage capacity using powers of 2 for the definition of 1 GB = 2 therefore shows less storage capacity. Available storage capacity will also be less if the product includes one or more pre-installed operating systems, such as Microsoft Operating System and/or pre-installed software applications, or media content.

Page 156: Copy Protection

L500/L505/L500D/L505D External HDD Capacity One Gigabyte (GB) means 10 A computer operating system, however, reports storage capacity using powers of 2 for the definition of 1GB=2 therefore shows less storage capacity. Available storage capacity will also be less if the computer includes one or more pre-installed operating systems, pre-installed software applications, or media content.

Page 157: Environmental Requirements

Specifications This appendix summarizes the computer's technical specifications. Environmental requirements Ambient temperature Relative humidity Altitude (from sea level) Power Requirements AC adaptor Computer User's Manual Appendix A Operating 5°C to 35°C 20% to 80% 0 to 3,000 meters 100-240 volts AC 50 or 60 hertz (cycles per second) 19V DC L500/L505/L500D/L505D...

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L500/L505/L500D/L505D User's Manual...

Page 159: Display Controller

Display Controller Display controller The display controller interprets software commands into hardware commands that turn particular pixels on or off. The controller is an advanced Video

Graphics Array (VGA) that provides Super VGA (SVGA) and Extended Graphics Array (XGA) support for the internal LCD and external monitors.

Page 160 L500/L505/L500D/L505D User's Manual...

Page 161: Card Specifications

Wireless LAN This appendix is intended to help you get your Wireless LAN network up and running, with a minimum of parameters. Card Specifications Form Factor Compatibility Network Operating System Media Access Protocol Data Rate User's Manual Appendix C Mini Card IEEE 802.11 Standard for Wireless LANS Wi-Fi (Wireless Fidelity) certified by the Wi-Fi Alliance.

Page 162: Radio Characteristics

Subject to the radio regulations that apply in the countries/regions, your Wireless LAN card may support a different set of 5 GHz/2.4 GHz channels. Consult your Authorized Wireless LAN or TOSHIBA Sales office for information about the radio regulations that apply in the countries/regions.

Page 163 Table Wireless IEEE 802.11 Channels Sets (Revision B and G) When installing Wireless LAN cards, the channel configuration is managed as follows: For wireless clients that operate in a Wireless LAN infrastructure, the Wireless LAN card will automatically start operation at the channel identified by the Wireless LAN Access Point.

Page 164 L500/L505/L500D/L505D *1 Factory-set default channels *2 Check if these channels can be used in your country/region. *3 These channels are available to A/B/G/N combo type only. *4 Available Area: US (USA, CANADA) only. 5240 5260 5280 5300 5320 5500 5520 5540 5560 5580...

Page 165: Ac Power Cord And Connectors

AC Power Cord and Connectors The AC input plug of power cord must be compatible with various international AC power outlets. Power cords need to meet the local standards and the specifications listed as below: Length: Wire size: Current rating: Voltage rating: Certification agencies Europe:...

Page 166 L500/L505/L500D/L505D For the United States and Canada, two pin plug configuration must be a 2-15P (250V) or 1-15P (125V) and three pin plug configuration must be 6-15P (250V) or 5-15P (125V) as designated in the U.S. National Electrical code handbook and the Canadian Electrical Code Part II. The following illustrations show the plug shapes for USA, Australia, Canada, United Kingdom, Europe, and China.

Page 167: Toshiba Pc Health Monitor

Once enabled, you may disable the TOSHIBA PC Health Monitor at any time by uninstalling the software via Uninstall a program in the Control Panel. Doing so will automatically delete all collected information from the HDD.

Page 168: Starting The Toshiba Pc Health Monitor

Starting the TOSHIBA PC Health Monitor The TOSHIBA PC Health Monitor can be started using the following methods: Click Start -> All Programs -> TOSHIBA -> Utilities -> PC Health Monitor. Click the icon in the notification area, then click the "Click here to enable TOSHIBA PC Health Monitor."...

Page 169: If Your Computer Is Stolen

What is your address, phone, and fax number? To register the theft on paper, please follow these procedures: Fill in the TOSHIBA Theft Registration form (or a copy of it) below. Attach a copy of your receipt showing where your computer was purchased.

Page 170 L500/L505/L500D/L505D TOSHIBA Theft Registration Send to: Fax number: Country stolen: Machine type: (e.g. Satellite L500) Model number: (e.g. PSL50EYXT) Serial number: (e.g. 12345678G) Date stolen: Owner's details Last name, first name: Company: Street: Postal Code/City: Country: Phone: Fax: TOSHIBA Europe GmbH...

Page 171 Glossary The terms in this glossary cover topics related to this manual. Alternate naming is included for reference. Abbreviations AACS: advanced access content system AC:

Alternating current ACPI: Advanced Configuration and Power Interface ASCII: American Standard Code for Information Interchange BIOS: basic input/output system bps: bits per second CD: compact disc...

Page 172 L500/L505/L500D/L505D I/O: input/output IrDA: Infrared Data Association IRQ: interrupt request KB: kilobyte LAN: local area network LCD: liquid crystal display LED: light emitting diode MB: megabyte MMC: multi media card OCR: optical character recognition (reader) PCB: printed circuit board PCI: peripheral component interconnect RAM: random access memory RGB: red, green, and blue ROM: read only memory...

Page 173 alternating current (AC): Electric current that reverses its direction of flow at regular intervals. analog signal: A signal whose characteristics such as amplitude and frequency vary in proportion to (are an analog of) the value to be transmitted. Voice communications are analog signals. application: A group of programs that together are used for a specific task such as accounting, financial planning, spreadsheets, word processing and games.

Page 174 L500/L505/L500D/L505D byte: The representation of a single character. A sequence of eight bits treated as a single unit; also the smallest addressable unit within the system. cache memory: 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.

Page 175 components: Elements or parts (of a system) which make up the whole (system). Composite Video (YUV): A standard video signal used to transmit images, e.g. from a VCR to a TV. computer program: A set of instructions written for a computer that enable it to achieve a desired result.

Page 176 L500/L505/L500D/L505D disk drive: The device that randomly accesses information on a disk and copies it to the computer's memory. It also writes data from memory to the disk. To accomplish these tasks, the unit physically rotates the disk at high speed past a read-write head. disk storage: Storing data on magnetic disk.

Page 177 (FDD): An electromechanical device that reads and writes to floppy diskettes. Fn-esse: A TOSHIBA utility that lets you assign functions to hot keys. folder: An icon in Windows used to store documents or other folders. format: The process of preparing a blank disk for its first use. Formatting establishes the structure of the disk that the operating system expects before it writes files or programs onto the disk.

Page 178 FN, can be used to set system parameters, such as speaker volume. HW Setup: A TOSHIBA utility that lets you set the parameters for various hardware components. icon: A small graphic image displayed on the screen or in the indicator panel.

Page 179 K: Taken from the Greek word kilo, meaning 1000; often used as equivalent to 1024, or 2 raised to the 10th power. See also byte and kilobyte. keyboard: An input device containing switches that are activated by manually pressing marked keys. Each keystroke activates a switch that transmits a specific code to the computer.

Page 180 L500/L505/L500D/L505D mode: A method of operation, for example, the Shut Down Mode, Sleep Mode or the Hibernation Mode. modem: Derived from modulator/demodulator, a device that converts (modulates) digital data for transmission over telephone lines and then converts modulated data (demodulates) to digital format where received.

Page 181 The electrical connection through which the computer sends and receives data to and from devices or other computers. Power Saver: A TOSHIBA utility that lets you set the parameters for various power-saving functions. program: A set of instructions a computer can execute that enables it to achieve a desired result.

Page 182 L500/L505/L500D/L505D Random Access Memory (RAM): Volatile memory that can be written to as well as read. Volatile here means that information in RAM is lost when you turn off your computer. This type of memory is used for your computer's main memory. See also memory. Compare ROM. resolution: A measure of the sharpness of the images that can be produced by a printer or displayed on a screen.

Page 183 TFT display: A liquid crystal display (LCD) made from an array of liquid crystal cells

using active-matrix technology with thin film transistor (TFT) to drive each cell. Touch Pad: A pointing device integrated into the TOSHIBA computer palm rest. USB: Universal Serial Bus. This serial interface lets you communicate with several devices connected in a chain to a single port on the computer.

Page 184 L500/L505/L500D/L505D Glossary-14 User's Manual...

Page 185 L500/L505/L500D/L505D Equipment checklist, 1-1 External monitor, 1-6, 2-2, 8-11 problems, 9-18 FN + 1 (TOSHIBA Zooming Utility reduce), FN + 2 (TOSHIBA Zooming Utility enlarge), FN + ESC (Mute), 5-3 FN + F1 (Lock), 5-3 FN + F2 (Power Plan), 5-3...

Page 186 Memory Stick PRO Duo, 9-11 MultiMediaCard, 9-12 Overheating power down, 9-5 Password, 9-7 Pointing device, 9-12 Power, 9-4 SD/SDHC memory card, miniSD/ microSD Card, 9-11 Self test, 9-4 Sound system, 9-17 System start-up, 9-4 TOSHIBA support, 9-20 Touch Pad, 9-12 User's Manual...

Page 187 1-7, 2-3 Stereo speakers, 2-7 User's Manual L500/L505/L500D/L505D TOSHIBA Assist, 1-11 TOSHIBA ConfigFree, 1-11 TOSHIBA Disc Creator, 1-11, 4-12 TOSHIBA PC Diagnostic Tool, 1-10 TOSHIBA support, 9-20 TOSHIBA Theft Registration, F-2 TOSHIBA Zooming Utility, 1-10 Touch Pad, 1-6...

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This manual is also suitable for:

L505dL500dL505Satellite a505-s5993Satellite l505-es5015Satellite l505-s5997 ... Show all