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Toshiba DX 730 User Manual

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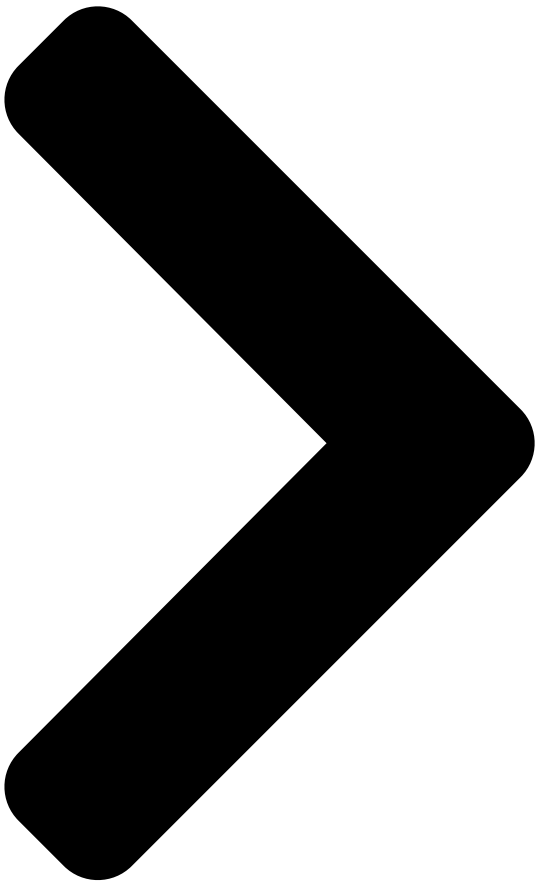

User's Manual

TOSHIBA

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DX 730

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Related Manuals for Toshiba DX 730

Desktop Toshiba DX730-ST6N01 User Manual

Dx730-st6n01 user's guide (183 pages)

Desktop Toshiba DX1210-ST4N22 User Manual

Dx1210 series (181 pages)

Desktop Toshiba DX1210 series User Manual

(168 pages)

Desktop Toshiba Qosmio DX730 Series User Manual

(157 pages)

Desktop Toshiba STOR.E CANVIO User Manual

3.5" (8.9cm) desktop (239 pages)

Desktop Toshiba dynaEdge DE-100 Series User Manual

(138 pages)

Desktop Toshiba A200 Series User Manual

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

Desktop Toshiba PX30 - A Series User Manual

(147 pages)

Desktop Toshiba Satellite M40 Maintenance Manual

Maintenance manual (219 pages)

Desktop Toshiba QOSMIO G20 Maintenance Manual

(444 pages)

Desktop Toshiba Canvio Home User Manual

(50 pages)

Desktop Toshiba Satellite P300 Maintenance Manual

Personal computer (315 pages)

Desktop Toshiba BMS-SM1280ETLE Service Manual

Smart manager with data analyzer (54 pages)

Desktop Toshiba Equium 7000S Specification Sheet

Detailed specs for equium 7000s (4 pages)

Desktop Toshiba Satellite A300 Maintenance Manual

(263 pages)

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

Maintenance manual (513 pages)

Summary of Contents for Toshiba DX 730

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Page 2: Table Of Contents

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Page 3 Chapter 4 Utilities & Advanced Usage Utilities and Applications .....4-1 Special features .....4-5 Using the TOSHIBA Sleep Utility .....4-7 TOSHIBA Password Utility .....4-9 HW Setup .....4-10 TOSHIBA PC Health Monitor ..... 4-14 System Recovery .....4-16...

Page 4 Intel Corporation. Windows, Microsoft and Windows logo are registered trademarks of Microsoft Corporation. Bluetooth is a trademark owned by its proprietor and used by TOSHIBA under license. The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

Page 5: Fcc Conditions

Only peripherals complying with the FCC class B limits may be attached to this equipment. Operation with non-compliant peripherals or peripherals not recommended by TOSHIBA is likely to result in interference to radio and TV reception. Shielded cables must be used between the external devices and the computer's Universal Serial Bus (USB 2.0 and 3.0) ports, HDMI...

Page 6: Eu Declaration Of Conformity

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 7: Video Standard Notice

Automotive Environments Aircraft Environments Any consequences resulting from the use of this product in working environments that are not approved are not the responsibility of TOSHIBA. The consequences of the use of this product in non-approved working environments may be: Interference with other devices or machines in the near surrounding area.

Page 8 Note that Canadian Department of Communications (DOC) regulations provide, that changes or modifications not expressly approved by TOSHIBA Corporation could void your authority to operate this equipment. This Class B digital apparatus meets all requirements of the Canadian Interference-Causng Equipment Regulations.

Page 9 The new European Union (EU) chemical regulation, REACH (Registration, Evaluation, Authorization and Restriction of Chemicals), entered into force on 1 June 2007. TOSHIBA will meet all REACH requirements and is committed to provide our customers with information about the chemical substances in our products according to REACH regulation.

Page 10 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. Your computer...

Page 11: Optical Disc Drive Safety Instructions

1. Panasonic Precision Devices Co., Ltd. Blu-ray™ Combo drive Blu-ray™ Writer drive Panasonic Precision Devices Co., Ltd. 1080 Takano Nagomi-machi Tamana-Gun Kumamoto, Japan 2. TOSHIBA SAMSUNG STORAGE TECHNOLOGY DVD SuperMulti with Double Layer Blu-ray™ Combo drive TOSHIBA SAMSUNG STORAGE TECHNOLOGY KOREA CORPORATION 14F, Bldg. No.102,...

Page 12 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 13: Preface

Preface Congratulations on your purchase of this computer. This powerful 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 computer. It also provides detailed information on configuring your computer, basic operations and care, using optional devices and troubleshooting.

Page 14 Indicates a potentially hazardous situation, which could result in death or serious injury, if you do not follow instructions. 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 15: General Precautions

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 16 that can be caused by extensive keyboard use. It also includes information on work space design, posture and lighting that can help reduce physical stress. Heat injury If the computer has been used for a long time, avoid direct contact with the metal plate supporting the various interface ports as this can become hot.

Page 17: Chapter 1 Getting Started

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 18: Getting Started

TOSHIBA Flash Cards TOSHIBA Disc Creator TOSHIBA VIDEO PLAYER TOSHIBA Resolution+ Plug-in For Windows Media Player TOSHIBA Blu-ray Disc Player Corel Digital Studio for TOSHIBA TOSHIBA Media Controller TOSHIBA HDD/SSD Alert Utility TOSHIBA eco Utility TOSHIBA HW Setup Utility TOSHIBA PC Diagnostic Tool...

Page 19: Connecting The Ac Adaptor

DC power and reduces the voltage supplied to this computer. 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 20 When you connect the AC adaptor to the computer, always follow the steps in the exact order as described in the User's Manual. Connecting the power cable to a live electrical outlet should be the last step otherwise the adaptor DC output plug could hold an electrical charge and cause an electrical shock or minor bodily injury when touched.

Page 21 Connect the AC adaptor's DC output plug to the DC IN 19V jack on the back of the computer. Figure 1-3 Connecting the DC output plug to the computer 1. DC output plug 2. DC IN 19V jack Plug the power cord into a live wall outlet - the Power indicator on the front of the computer should glow.

Page 22 Keep the computer and wireless keyboard/mouse in a certain distance, otherwise the keyboard/mouse will not work properly. Installing the battery of the keyboard and mouse Installing the batteries of the mouse Open the battery cover on your wireless mouse. Put two AAA batteries into the battery groove. Figure 1-5 Installing the batteries of the mouse 1.

Page 23: Turning On The Power

Press the Connect button of the dongle using a slender object such as a tweezers. Figure 1-7 Press the Connect button of the dongle 1. Connect button 2. Tweezers Slide the Power switch on the back of the keyboard/mouse to the ON position.

Page 24: Starting Up For The First Time

Starting up for the first time The Windows 7 Startup Screen will be the first screen displayed when you turn on the power. Follow the on-screen instructions on each screen in order to properly install the operating system. When it is displayed, be sure to read the Software License Terms carefully.

Page 25 When you have to turn off your computer aboard an aircraft or in places where electronic devices are regulated or controlled, always completely shut down the computer. This includes turning off any wireless communication functionalities, and cancelling settings that

reactivate the computer automatically, such as a timer recording function.

Page 26: Hibernation Mode

Press the power button. Please note that this feature must be enabled within the Power Options (to access it, click Start -> Control Panel -> System and Security -> Power Options). When you turn the power back on, you can continue where you left when you shut down the computer.

Page 27: Restarting The Computer

Automatic Hibernation Mode The computer can be configured to enter Hibernation Mode automatically when you press the power button. In order to define these settings, you can follow the steps as described below: Click Start and click the Control Panel. Click System and Security and click Power Options.

Page 28: Chapter 2 The Grand Tour

Chapter 2 The Grand Tour This chapter identifies the various components of the computer - it is recommended that you become familiar with each before you operate the computer. Legal Footnote (Non-applicable Icons) For more information regarding Non-applicable Icons, please refer to the Legal Footnotes section in Appendix C.

Page 29 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 30: Left Side

Power button Press this button to turn the computer's power on and off. When connected to the AC adaptor, the Power indicator normally glows white when the computer is turned on and glows amber when the computer is off. However, if you turn the computer off into Sleep Mode, this indicator will flash amber - approximately two seconds on, two seconds off.

Page 31 Figure 2-2 The left side of the computer 1. Display off button 6. Volume down button 2. AV select button 7. Memory media slot 3. Brightness up button 8. Headphone jack 4. Brightness down button 9. Microphone jack 5. Volume up button 10.Universal Serial Bus (USB 3.0) ports Product appearance depends on the model you purchased.

Page 32: Right Side

Memory media slot This slot lets you insert an SD™/SDHC™/ SDXC™ memory card, miniSD™/microSD™ Card, Memory Stick™ (PRO™) and MultiMediaCard™. Refer to the Optional devices section in Chapter 3, Operating Basics for more information. Headphone jack A 3.5 mm mini headphone jack enables connection of stereo headphones.

Page 33 Figure 2-3 The right side of the computer 1. Optical disc drive Optical disc drive The computer may be configured with a DVD Super Multi, Blu-ray™ Combo drive or Blu-ray™ Writer drive (BDXL™). 2.6GB and 5.2GB DVD-RAM media cannot be read from or written to. Back The following figure shows the computer’s back.

Page 34 Figure 2-4 The back of the computer 1. Cooling vents 7. Universal Serial Bus (USB 3.0) ports 2. Memory module slots 8. LAN jack 3. TV antenna jack* 9. DC IN 19V jack 4. HDMI out port* 10. Security lock slot 5.

Page 35 Memory module slot The memory module slot allows for the installation, replacement and removal of additional memory module. The size of memory modules varies depending on the model. The actual amount of useable system memory will be less than the installed memory modules.

Page 36: Wireless Keyboard

LAN jack This jack lets you connect to a LAN. The adaptor has built-in support for Ethernet LAN (10 megabits per second, 10BASE-T), Fast Ethernet LAN (100 megabits per second, 100BASE-TX) or Gigabit Ethernet LAN (1000 megabits per second, 1000BASE-T). Refer to chapter 3, Operating Basics, for details.

Page 37: Wireless Mouse

Figure 2-6 Back of the wireless keyboard 1. Stand 4. Battery cover 2. Connect button 5. Stand 3. Power switch (keyboard) Stand Used to let the keyboard tilted at an angle. Connect button This button is not used under normal conditions. Power switch Used to turn on the power of the keyboard.

Page 38: Remote Controller

Right button Using for normal right controls of the mouse. Left button Using for normal left controls of the mouse. Back The following figure shows the back of the wireless mouse. Figure 2-8 Back of the wireless mouse 1. Power switch (mouse) 3.

Page 39

Figure 2-9 Remote controller 1. Power 8. Red Button 14. Channel/Page 20. Pause Control 2. Start 9. Green Button 15. Arrows and OK 21.Stop 3. Teletext 10.Yellow Button 16. Mute 22. Volume Control 4. Recorded TV 11. Blue Button 17. Replay 23.

Page 40

Guide Opens the Television Program Guide to display available TV channels and programs to watch and record. Live TV A shortcut to the full screen view. It also takes you to the current point in a live TV program after pausing live TV.

Page 41: Using The Remote Controller

Play Plays the selected media. FWD (Fast Forward) Moves the media (video, disc, music, and so on) forwards. REW (Rewind) Moves the media (video, disc, music, and so on) backwards. Using the Remote Controller Some computers include a remote control unit, which allows you to control some of your computer’s functions from a distant location.

Page 42

Store the battery for the remote control beyond the reach of children. If a child swallows a battery, this might result in choking. If it happens, contact a doctor immediately. Observe the following precautions when using the battery of the Remote Controller.

Page 43: Internal Hardware Components

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 -> Support & Recovery -> PC Diagnostic Tool.

Page 44

For more information regarding Hard Disk Drive (HDD) Capacity, please refer to the Legal Footnotes section in Appendix C. RTC battery The internal RTC battery backs up the Real Time Clock (RTC) and calendar. Video RAM The memory in a computer's graphics adaptor, used to store the image displayed on a bitmap display.

Page 45

Graphics Control ® Some NVIDIA graphics models may include NVIDIA Optimus™ technology feature. ® NVIDIA Optimus™ technology intelligently optimizes All-In-One PC performance by seamlessly switching between a discrete NVIDIA GPU for great graphics performance and an Intel integrated graphics chip for sustained battery life.

Page 46: Chapter 3 Operating Basics

Chapter 3 Operating Basics This chapter describes the basic operations of your computer, highlights the precautions that should be taken when using it. Touch Screen Some models are equipped with an optical touch screen. You can use your finger to manipulate icons, buttons, menu items, onscreen keyboard, and other items on the touch screen.

Page 47: The Keyboard

The computer will indicate the NUM LOCK, CAPS LOCK , SCROLL LOCK and Keyboard Battery status by showing icons in the lower right corner of the screen. You can turn the icons on/off by clicking TOSHIBA Keyboard Indicator ( ) in the notification area on the taskbar. NUM LOCK...

Page 48: Hot Key Functions

Keyboard Battery The Keyboard Battery icon shows the keyboard battery four status as below: : Good level : Low level : Critical level : Unknown If the computer resumes from hibernation/hybrid sleep mode without keyboard operation, the keyboard battery icon will show as unknown.In this case, you can press any key on the keyboard to update the battery icon to

the current status.

Page 49: Hot Key Cards

For more information, please refer to the TOSHIBA Flash Cards Help file. To access this help, click Start -> All Programs -> TOSHIBA -> Tools & Utilities -> Flash Cards. In the Settings for Flash Cards window, click the Help button.

Page 50

FN + F5 Launches the Media Player/ Bulletin Board/Eco utility/Intel® WiDi or changes the active display device according to the setting in TOSHIBA Button Support utility. The provided options in TOSHIBA Button Support utility will be different depending on the models.

Page 51: Optical Disc Drives

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 52: Using Optical Disc Drives

Blu-ray™ Combo drive In addition to the above formats, Blu-ray™ Combo drive supports BD-ROM and BD-ROM DL. Blu-ray™ Writer drive In addition to the above formats, Blu-ray™ Writer drive supports BD-R, BD- R DL, BD-RE and BD-RE DL. Blu-ray™ Writer drive BDXL™ In addition to the above formats, Blu-ray™...

Page 53: Removing Discs

Lay the disc in the disc tray with its label facing to the front of the computer. Figure 3-4 Inserting a disc 1. Laser lens When the disc tray is fully opened, the edge of the computer will cover the disc tray slightly.

Page 54: Writable Discs

Writable discs This section describes the types of writable discs. Check the specifications of your drive to see the types of discs it can write. Use TOSHIBA Disc Creator and Corel Digital Studio to write compact discs. CD-R discs can be written only once. The recorded data cannot be erased or changed.

Page 55: Important Message

The TOSHIBA Disc Creator and Corel Digital Studio are provided as writing software with this computer. Corel Digital Studio can be used to write files in video format. TOSHIBA Disc Creator can be used to write data. You can use the DVD Super Multi drive or Blu-ray™ Combo drive to write data to either CD-R, CD-RW, DVD-R, DVD-R DL, DVD-RW, DVD+R, DVD +R DL, DVD+RW or DVD-RAM discs.

Page 56: Before Writing Or Rewriting

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 57: When Writing Or Rewriting

DVD+RW: MITSUBISHI KAGAKU MEDIA CO., LTD. (for 4x and 8x speed media) DVD-RAM: (DVD Super Multi drive only) DVD Specifications for DVD-RAM Disc for Version 2.0, Version 2.1 or Version 2.2 Panasonic Corporation (for 3x and 5x speed media) Hitachi Maxell, Ltd. (for 3x and 5x speed media) BD-R: Panasonic Corporation BD-R DL:...

Page 58: Toshiba Disc Creator

Keep mobile phones and other wireless communication devices away from the computer. TOSHIBA Disc Creator Please be aware of the following limitations when you use the TOSHIBA Disc Creator: DVD Video cannot be created using TOSHIBA Disc Creator. DVD Audio cannot be created using TOSHIBA Disc Creator.

Page 59: Data Verification

You might not be able to use the "Disc Backup" function of TOSHIBA Disc Creator to back up a DVD-R, DVD-R DL, DVD-RW, DVD+R, DVD+R DL or DVD+RW disc that was made with other

software on a different optical media recorder.

Page 60: Important Information For Use

Simplified steps for making a DVD-Video or a Blu-ray Disc™ movie from adding video source: Click Start -> All Programs -> Corel Digital Studio for TOSHIBA -> Corel Digital Studio for TOSHIBA to launch Corel Digital Studio. Insert a disc in optical disc drive.

Page 61: Toshiba Video Player

If you use an over-used rewritable disc, the full formatting might be locked. Please use a brand new disc. TOSHIBA VIDEO PLAYER Please be aware of the following limitations when you use the TOSHIBA VIDEO PLAYER: Notes on use This software can only be used on Windows 7.

Page 62

TOSHIBA VIDEO PLAYER. Do not lock the computer using the Windows logo ( ) + L keys or the FN + F1 keys when running the TOSHIBA VIDEO PLAYER. The TOSHIBA VIDEO PLAYER does not have a parental control function.

Page 63

2D home video and other 2D contents you created, in 3D according to your personal preferences. The “TOSHIBA VIDEO PLAYER” is set by default in the 2D format. By pressing the 2Dto3D conversion function button, you decide to activate the 2Dto3D conversion function and therefore decide to watch your 2D content in 3D.

Page 64

The protection of intellectual property rights is essential for TOSHIBA. In this respect, TOSHIBA underlines that the Player should not be used in a manner infringing such rights. It is your...

Page 65: Toshiba Blu-Ray Disc™ Player

Click the "Help" button ( ) in the Display Area. TOSHIBA Blu-ray Disc™ Player Please be aware of the following limitations when you use TOSHIBA Blu- ray Disc™ Player. Notes on Use This software can only be used on Windows 7.

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When you purchase Blu-ray™ Video, make sure it matches your drive, otherwise it will not play properly. To playback video on an external display or TV using TOSHIBA Blu- ray Disc™ Player, use output devices like external displays or TV that have HDCP supported HDMI port.

Page 67

The picture generated by 2Dto3D conversion function is not the same as a picture produced for 3D playback use. The 2Dto3D conversion function simply uses TOSHIBA's original algorithm to apply pseudo 3D effect to the 2D content. The Player is set by default in the 2D format. By pressing the 2Dto3D...

Page 68

Starting TOSHIBA Blu-ray Disc™ Player Use the following procedure to start TOSHIBA Blu-ray Disc™ Player. When a Blu-ray Disc™ is set in the Blu-ray™ drive, TOSHIBA Blu-ray Disc™ Player starts automatically. Select Start -> All Programs -> TOSHIBA -> Media &...

Page 69: Wireless Communications

TOSHIBA Blu-ray Disc™ Player Manual. Use the following procedure to open TOSHIBA Blu-ray Disc™ Player Manual. Press F1 key when TOSHIBA Blu-ray Disc™ Player is launched and click the Help button. Wireless communications The computer’s wireless communication function supports some wireless communication devices.

Page 70: Card Specifications

TOSHIBA is not liable for the loss of data due to eavesdropping or illegal access through the wireless LAN and the damage thereof. Card Specifications...

Page 71: Radio Characteristics

Network Operating Microsoft Windows Networking System Media Access CSMA/CA (Collision Avoidance) with Protocol Acknowledgment (ACK) Radio Characteristics Radio Characteristics of Wireless LAN module may vary according to: Country/region where the product was purchased Type of product Wireless communication is often subject to local radio regulations. Although Wireless LAN wireless networking products have been designed for operation in the license-free 2.4GHz and 5GHz band, local radio regulations may impose a number of limitations to the use of

wireless...

Page 72: Lan

This Bluetooth Stack is based on the Bluetooth specification, depending on the model you purchased. However, TOSHIBA cannot confirm the compatibility between any computing products and/or other electronic devices that use Bluetooth, other than TOSHIBA notebook computers.

Page 73: Lan Cable Types

100BASE-TX) or Gigabit Ethernet LAN (1000 megabits per second, 1000BASE-T). This section describes how to connect/disconnect to a LAN. Do not install or remove a memory module while Wake-up on LAN is enabled. The Wake-up on LAN function consumes power even when the system is off.

Page 74: Optional Devices

Peripheral devices HDMI Other Security lock Optional TOSHIBA accessories Memory media slot The computer is equipped with a Memory 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.

Page 75: Memory Media

Keep foreign objects out of the Memory media slot. Never allow metal objects, such as screws, staples and paper clips, to enter the Memory media slot. Foreign metal objects can create a short circuit, which can cause computer damage and fire, possibly resulting in serious injury. This Memory media slot supports the following memory media.

Page 76: Media Care

SD, SDHC and SDXC memory cards appear the same externally. However, the logo on memory cards is different, so pay careful attention to the logo when purchasing. The SD memory card logo is (The SDHC memory card logo is (The SDXC memory card logo is (The maximum capacity of SD memory cards is 2GB.

Page 77: Inserting A Memory Media

Do not leave a card partially inserted in the slot. Press the card until you hear it click into place. Set the write-protect switch to the lock position, if you do not want to record data. Memory cards have a limited lifespan, so it is important to backup important data.

Page 78: Removing A Memory Media

Insert the two memory modules into Slot A and Slot B respectively. 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. User's Manual 3-33...

Page 79: Installing A Memory Module

Do not try to install or remove a memory module under the following conditions. a. The computer is turned on. b. The computer was shut down in either Sleep or Hibernation Mode. c. Wake-up on LAN is enabled. d. The wireless communication function is on. e.

Page 80

Align the notch of the memory module with that of the memory slot and gently insert the module into the slot at about a 30 degree angle before holding it down until the latches on either side snap into place. Figure 3-10 Seating the memory module 1.

Page 81: Removing A Memory Module

Seat the memory module cover in place and secure it with the screw. Take care to ensure that the memory module cover is firmly closed. Figure 3-11 Seating the memory module cover 1. Memory module cover 2. Screw Turn the computer on and make sure the added memory is recognized - to confirmed it, Start ->...

Page 82: Tv Tuner

Grasp the module by its edges and remove it from the computer. If you use the computer for a long time, the memory modules and the circuits locating close to the memory modules will

become hot. In this case, let them cool to room temperature before you replace them. Or you will get burnt if you touch any of them.

Page 83: Connecting The Cable

Using the TV Tuner Antenna The quality of sounds and pictures greatly depends on the radio propagation conditions. When you use your computer in areas where the radio waves are weak, which results in poor radio receiving conditions, contact the dealer you purchased it from, or use a commercially available antenna booster.

Page 84: Hdmi Out

HDMI Out Some models are equipped with an HDMI out port. An HDMI display device can be connected to the HDMI out port on the computer. To connect the HDMI display device, follow the steps as detailed below: As the port operation of all HDMI (High-Definition Multimedia Interface) display devices have not been confirmed, some HDMI display devices may not function properly.

Page 85: Hdmi Input

When you change the display output device by hot key like Windows + P, the playback device may not switch automatically. In this case, in order to set the playback device to the same device as the display output device, please adjust the playback device manually by the following steps: Click Start ->...

Page 86: Security Lock

You are able to add a number of options and accessories in order to make your computer even more powerful and convenient to use. For reference, the following list details some of the items that are available from your reseller or TOSHIBA dealer: User's Manual 3-41...

Page 87: Sound System

(DDR3-1600) can easily be installed in the computer. The available option memory depends on TOSHIBA authorization. Universal AC Adaptor If you frequently use your computer at more than one site, it may be convenient to purchase an additional AC adaptor to be kept at each site in order to remove the need to always carry the adaptor with you.

Page 88: Power Management

SRS Premium Sound 3D™ provides the ultimate audio and entertainment experience for all PC applications related to music, movies and games. Utilizing SRS' revolutionary 3D audio technology, SRS Premium Sound 3D provides the most immersive and realistic listening experience unlike any solution ever offered for a two speaker playback environment.

Page 89: Video Mode

Default Format You can change the sample rate and bit depth of sound. Video mode Video mode settings are configured via the Screen Resolution dialog. To open the Screen Resolution dialog, click Start -> Control Panel -> Appearance and Personalization -> Display -> Change display settings.

Page 90: Heat Dispersal

Turn off (shut down) the computer. Disconnect the AC adaptor and all peripherals before moving the computer. Do not pick up the computer by its display panel. Do not push the speaker mesh cover area which is below the display strongly, otherwise it may cause mesh deformation.

Page 91: Chapter 4 Utilities & Advanced Usage

TOSHIBA Password The TOSHIBA Password utility allows you to set Utility a password in order to restrict access to the computer. HW Setup...

Page 92

You can track power savings by using eco mode continuously. To access this utility, click Start -> All Programs -> TOSHIBA -> Tools & Utilities -> eco Utility. TOSHIBA Disc You can create CDs and DVDs in a number of...

Page 93

To access this utility, click Start -> All Programs -> TOSHIBA -> Support & Recovery -> Service Station. TOSHIBA Sleep Utility This utility is able to either enable or disable the

following functions: Sleep and Charge: By connecting to the...

Page 94 Videos: To launch the Windows Media Player application. Movie : TOSHIBA VIDEO PLAYER or TOSHIBA Blu-ray Disc™ Player application will be launched depending on the driver model provided with your computer.

Page 95: Special Features

You may not have all the softwares listed above depending on the model you purchased. 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.

Page 96 System automatic This feature automatically shuts down the system Sleep/Hibernation into either Sleep Mode or Hibernation Mode when there is no input or hardware access for a Mode specified time. This can be specified in the Power Options. Power on password Two levels of password security, supervisor and user, are available to prevent unauthorized access to your computer.

Page 97: Using The Toshiba Sleep Utility

Using the TOSHIBA Sleep Utility The TOSHIBA Sleep Utility is used for changing settings of the following function(s): Sleep and Charge Sleep and Music...

Page 98: Sleep And Music

Sound quality may also be different. Starting the TOSHIBA Sleep Utility To start the utility, click Start -> All Programs -> TOSHIBA -> Tools & Utilities -> Sleep Utility. User's Manual...

Page 99: Toshiba Password Utility

Windows password. User Password To start the utility, point to or click the following items: Start -> All Programs -> TOSHIBA -> Support & Recovery -> TOSHIBA Assist -> SECURE -> User password Please refer to the section for further information.

Page 100: Hw Setup

Make sure to restart your computer immediately to apply these changes. Accessing HW Setup To run the HW Setup program, click Start -> All Programs -> TOSHIBA -> Tools & Utilities -> HWSetup. User's Manual...

Page 101: Hw Setup Window

HW Setup window The HW Setup window contains a number of tabs (General, Password, Display, Boot Setting, Keyboard, USB and LAN) to allow specific functions of the computer to be configured. In addition there are also three buttons : OK, Cancel and Apply. Accepts your changes and closes the HW Setup window.

Page 102 Click OK. The following message appears, allowing you to verify the password. Verify Password: If character strings match, the password is registered. Click OK. If they do not match, the following message appears. You must repeat from step 1. Entry Error!!! To delete a user password: Select Not Registered to display the following prompt: Enter Password:...

Page 103: Boot Setting

To change the boot drive, follow the steps below. Hold down F12 and boot the computer. when the TOSHIBA Leading Innovation >>> logo screen appears, release the F12 key. Use the up and down cursor keys to select the boot device you want and press ENTER.

Page 104: Toshiba Pc Health Monitor

Disabled Disables Built-in LAN functions. TOSHIBA PC Health Monitor The TOSHIBA PC Health Monitor application proactively monitors a number of system functions such as power consumption and the system cooling, informing you of significant system conditions. This application recognizes the system and individual component serial numbers, and will track specific activities related to the computer and their usage.

Page 105 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 106: System Recovery

If a TOSHIBA PC Health Monitor message is displayed. A message will be displayed if any changes which may interfere with the operation of the program are detected. Follow the instructions displayed on screen in the message. System Recovery There is a hidden partition allocated on the hard disk drive for the System Recovery Options in the event of a problem.

Page 107 Be sure to close all other software programs except the Recovery Media Creator. Do not run software such as screen savers which can put a heavy load on the CPU. Operate the computer at full power. Do not use power-saving features. Do not write to the media when the virus check software is running.

Page 108 When drivers/utilities are installed, you can setup the respective drivers/ utilities from the following place. To open the setup files, Click Start -> All Programs -> TOSHIBA -> Support & Recovery -> Applications and Drivers. If you have previously chosen to remove the recovery partition and are trying to create "Recovery Media", you will see the following message: "The...

Page 109 Ordering Recovery Discs from TOSHIBA* You can order Product Recovery discs for your All-In-One PC from the TOSHIBA Europe Backup Media Online Shop. * Please note that this service is not free-of-charge. Visit https://backupmedia.toshiba.eu on the Internet. Follow the on-screen instructions. You will receive your Recovery Discs within two weeks after placing your order.

Page 110: Chapter 5 Power And Power-Up Modes

Chapter 5 Power and Power-Up Modes The computer's power resources include the computer, wireless keyboard and wireless mouse. The computer is supplied with the AC adapter while the wireless keyboard and mouse are supplied with AAA batteries.This chapter provides details on making the most effective use of these resources, and includes information on the different power-up modes.

Page 111: Power-Up Modes

You can change the Real Time Clock settings in the BIOS setup utility. To access it, press and hold the F2 key, and then turn on the computer - the BIOS setup utility will load. Please refer to Chapter 6 Troubleshooting further information.

Page 112: Troubleshooting

In reality many problems can be solved simply, but a few may require help from TOSHIBA Support - if you find you need to consult others, be prepared to describe the problem in as much detail as possible.

Page 113: Analyzing The Problem

Always try to make detailed notes of your observations and keep them in a permanent error log - this will help you to describe your problems to TOSHIBA Support. In addition, if a problem recurs, the log you have made will help to identify the problem faster.

Page 114: If Something Goes Wrong

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 115: Hardware And System Checklist

If the computer has reached room temperature and it still does not start, or if it starts but shuts down quickly, contact TOSHIBA Support. AC power If you have trouble turning on the computer with the AC adaptor connected you should check the status of the Power indicator.

Page 116: Real Time Clock

If the AC adaptor still does not power the computer, you should contact TOSHIBA Support. Real Time Clock Problem Procedure...

Page 117: Hard Disk Drive

ROM/BD-ROM in the optical disc drive - if so drive remove it and try to start the computer again. If this has no effect, check the Boot Priority setting within the TOSHIBA HW Setup utility - please refer to the Boot Setting section in Chapter 4, Utilities &...

Page 118: Pointing Device

If you are still unable to resolve the problem, contact TOSHIBA Support. Pointing device If you are using a USB mouse, you should also refer to both the mouse section in this chapter, and the documentation supplied with your mouse.

Page 119: Usb Device

If you are still unable to resolve the problem, contact TOSHIBA Support. USB device In addition to the information in this section, please also refer to the documentation supplied with your USB device.

Page 120 Sleep and Charge function may be disabled. Sleep and Charge Select the "Enable Sleep and Charge" check box function. in the TOSHIBA Sleep utility to enable this function. When there is a current overflow of the external device connected to the compatible port, USB bus power (DC5V) supply may be stopped for safety reasons.

Page 121 Problem Procedure External devices Some external devices may not work when connected to the connected to a compatible port if the Sleep and compatible ports do Charge function is enabled. not work when Reconnect the external device after turning the connected to a computer ON.

Page 122: External Monitor

Basics for further information. Volume cannot be adjusted during Windows start up or shut down. If you are still unable to resolve the problem, contact TOSHIBA Support. External monitor Please also refer to Chapter 3, Operating Basics, and to the documentation supplied with your monitor for further information.

Page 123 Display error occurs Check that the cable connecting the external monitor to the computer is firmly attached. If you are still unable to resolve the problem, contact TOSHIBA Support. Problem Procedure Cannot access LAN Check for a firm cable connection between the LAN jack and the LAN hub.

Page 124: Toshiba Support

TOSHIBA Support. TOSHIBA support If you require any additional help using your computer or if you are having problems operating the computer, you may need to contact TOSHIBA for additional technical assistance. Before you call Some problems you experience may be related to software or the operating system so it is important that you investigate other sources of assistance first.

Page 125 TOSHIBA technical support 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 www.toshiba-europe.com on the Internet. User's Manual...

Page 126: Specifications

Appendix A Specifications This appendix summarizes the computer’s technical specifications. Physical Dimensions Size 561.4 (w) x 190 (d) x 439 (h) millimeters (not including parts that extend beyond the main body). Environmental Requirements Conditions Ambient temperature Relative humidity Operating 5°C (41°F) to 35°C 20% to 80% (95°F) (noncondensing)

Page 127: Ac Power Cord And Connectors

Appendix B AC Power Cord and Connectors The power cord’s AC input plug must be compatible with the various international AC power outlets and the cord must meet the standards for the country/region in which it is used. All cords must meet the following specifications: Wire size: Minimum 0.75 mm...

Page 128 The following illustrations show the plug shapes for the U.S.A. and Canada, the United Kingdom, Australia, Europe and China. United Kingdom UL approved BS approved

Australia Europe Approved by the appropriate AS approved agency Canada China CSA approved CCC approved User's Manual...

Page 129: Appendix C Legal Footnotes

Appendix C Legal Footnotes This chapter states the Legal Footnotes information applicable to TOSHIBA computers. Non-applicable Icons Certain computer chassis are designed to accommodate all possible configurations for an entire product series. Therefore, please be aware that your selected model may not have all the features and specifications corresponding to all of the icons or switches shown on the computer chassis.

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Contact TOSHIBA technical service and support, refer to TOSHIBA support section in Chapter 6, Troubleshooting for more information. 64-Bit Computing 64-bit processors are designed to take advantage of 32 and 64 bit computing. 64-bit computing requires that the following hardware and software...

Page 131: Copy Protection

such as Microsoft Operating System and/or pre-installed software applications, or media content. Actual formatted capacity may vary. Over a period of time, and depending on the usage of the computer, the brightness of the LCD screen will deteriorate. This is an intrinsic characteristic of LCD technology.

Page 132: Information For Wireless Devices

Appendix D Information for Wireless Devices Wireless LAN Interoperability The Wireless LAN is compatible with other LAN systems Direct Sequence Spread Spectrum (DSSS) /Orthogonal Frequency Division Multiplexing (OFDM) radio technology, and is compliant to: The IEEE 802.11 Standard on Wireless LANs (Revision a/b/g/n or b/g/ n), as defined and approved by the Institute of Electrical and Electronics Engineers.

Page 133: Wireless Devices And Your Health

If you should experience any such problem, immediately turn off either one of your Bluetooth or Wireless LAN. Please visit http://www.pc.support.global.toshiba.com, if you have any questions about using Wireless LAN or Bluetooth Card from TOSHIBA. In Europe visit http://www.toshiba-europe.com/computers/tnt/bluetooth.htm Your Bluetooth product is not compatible with devices using Bluetooth Version 1.0B specifications...

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Europe Restrictions for Use of 2400.0-2483.5MHz Frequencies in Europe France: Outdoor use Military Radiolocation limited to 10mW use.Refarming of the 2.4GHz band e.i.r.p. within the has been ongoing in recent years to band allow current relaxed regulation Full 2454-2483.5MHz implementation planned 2012. Italy: For private use, a general authorization is required if WAS/...

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Russian Limited e.i.r.p 100mW. Permitted to use Federation: only for indoor applications, closed industrial and warehouse areas, and on board aircraft. Permitted to use for local networks of aircraft crew service communications on board aircraft in area of the airport and at all stages of flight.

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check the current channel of operation. If operation is occurring outside of the allowable frequencies for outdoor use, as listed above, the user must contact the applicable national spectrum regulator to request a license for outdoor operation. Canada - Industry Canada (IC) This device complies with RSS 210 of Industry Canada.

Page 137: Important Notice

If this equipment causes RF interference to other radio stations, promptly change the frequency being used, change the location of use, or turn off the source of emissions. Contact an authorized TOSHIBA service provider if you have problems with interference caused by this product to Other Radio Stations.

Page 138: Device Authorization

4 : The interference range of this equipment is less than 40m. : This equipment uses a frequency bandwidth from 2,400MHz to 2,483.5MHz. It is possible to avoid the band of mobile object identification systems. 3. Indication for Bluetooth The indication shown below appears on this equipment. 2.4 : This equipment uses a frequency of 2.4 GHz.

Page 139: Radio Approvals For Wireless Devices

Intel 2200BNHMW 802.11b/g/n Wireless LAN The Name of the radio equipment: 2200BNHMW DSP Research, Inc. Approval Number: D111209003 The following restrictions apply: Do not disassemble or modify the device. Do not install the embedded wireless module into other device. When using the wireless device in any country or region, refer to the section Radio approvals for wireless devices in the online manual.

Page 140 2-17, 5-1 Function keys 3-3 Battery pack additional 5-1 Graphics controller 2-17 Bluetooth Bluetooth Stack for Windows by Toshiba 4-2 problems 6-13 Hard disk drive automatic power off 4-5 Boot Priority 4-13 HDMI out port 2-8 Heat dispersal 3-45, 4-6...

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