Toshiba Satellite P20-8PW User Manual

Toshiba satellite p20-8pw: user guide

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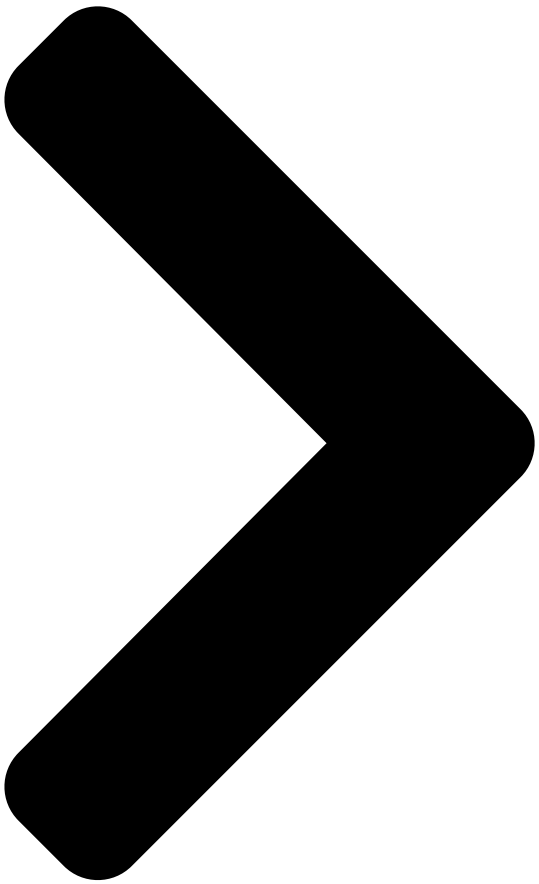

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User's Manual

P20

ATELLITE P20

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Choose freedom.
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Related Manuals for Toshiba Satellite P20-8PW

Laptop Toshiba PSM30C-0QQ31 Brochure

Brochure (4 pages)

Laptop Toshiba P200 Series User Manual

Toshiba dvd video player user's manual (183 pages)

Laptop Toshiba Satellite P200 Series User Manual

Toshiba laptop user's manual p200 (194 pages)

Laptop Toshiba P205-S6277 User Manual

P205-s6277 user's guide (242 pages)

Laptop Toshiba PSPB0U-00W008 User Manual

User manual (175 pages)

Laptop Toshiba Satellite P200 Series User Manual

(220 pages)

Laptop Toshiba Satellite P200 Maintenance Manual

(251 pages)

Laptop Toshiba Satellite P200 Series Maintenance Manual

(193 pages)

Laptop Toshiba Satellite P200 Series User Manual

(238 pages)

Laptop Toshiba Satellite Pro P200 Series User Manual

(194 pages)

Laptop Toshiba Satellite P205D Maintenance Manual

(249 pages)

Laptop Toshiba Satellite P20-25 Series Maintenance Manual

(250 pages)

Laptop Toshiba Satellite L500-01K00Y Resource Manual

Toshiba satellite l500 series reference guide (56 pages)

Laptop Toshiba Satellite A305-S6825 Resource Manual

Toshiba satellite a305-s6825: reference guide (52 pages)

Laptop Toshiba Satellite U500-ST5305 Resource Manual

Toshiba satellite u500-st5305: reference guide (64 pages)

Laptop Toshiba Satellite A70 Resource Manual

Toshiba satellite a70: user guide (68 pages)

Summary of Contents for Toshiba Satellite P20-8PW

Page 1 Satellite User’s Manual ATELLITE P20 SATELLITE P20 SATELLITE P20 Choose freedom. Choose freedom. Choose freedom. computers.toshiba-europe.com...

Page 2 Microsoft Corporation. Centronics is a registered trademark of Centronics Data Computer Corporation. Photo CD is a trademark of Eastman Kodak. Bluetooth is a trademark owned by its proprietor and used by TOSHIBA under license. i.LINK is a trademark of Sony Corporation.

Page 3: Safety Instructions

User's Manual Safety Instructions Use the following safety guidelines to help protect yourself and your computer. When Using Your Computer Do not operate your portable computer for an extended period of time with the base resting directly on your body. With extended operation, heat can potentially build up in the base.

Page 4 User's Manual ■ Do not dispose of batteries in a fire. They may explode. Check with local authorities for disposal instructions. ■ When travelling, do not check the computer as baggage. You can put your computer through an X-ray security machine, but never put your computer through a metal detector.

Page 5 Dispose of used batteries according to the manufacturer’s instructions. EU Declaration of Conformity TOSHIBA declares, that the product: Satellite P20 conforms to the following Standards: Supplementary Information: “The product complies with the requirements of the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/ EEC and/or the R&TTE Directive 1999/05/EEC.”...

Page 6 To prevent direct exposure to the laser beam, do not try to open the enclosure. Location of the required label Sample shown below. Location of the label on the drive and manufacturing information may vary. TOSHIBA CORPORATION 1-1, SHIBAURA 1-CHOME MINATO-KU, TOKYO 105-8001, JAPAN Satellite P20...

Page 7 User's Manual 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 it for your future reference. In case of any trouble with this model, please contact your nearest “AUTHORIZED service station”.

Page 8 IEC 825 and EN60825 on class 1 laser product. This computer is equipped with the optical drive in the following list according to the model. Manufacturer Type Matsushita UJ-811 Matsushita SR-8177 TOSHIBA SD-C2612 TOSHIBA SD-R6112 Matsushita UJDA750TT4-A TOSHIBA SD-R2412 TEAC...

Page 9 User's Manual Modem warning notice Conformity Statement The equipment has been approved to [Commission Decision “CTR21”] for pan-European single terminal connection to the Public Switched Telephone Network (PSTN). However, due to differences between the individual PSTNs provided in different countries/regions the approval does not, of itself, give an unconditional assurance of successful operation on every PSTN network termination point.

Page 10: Important Notice

Some models of the computer will come with Bluetooth technology built into it. Bluetooth was developed jointly by Ericsson, IBM, Intel, Nokia and TOSHIBA. It uses a shortwave radio frequency to connect devices such as cell phones, personal digital assistants, and computers. Essentially,...

Page 11 User's Manual Stress injury Carefully read the Safety Instruction Manual. It contains information on prevention of stress injuries to your hands and wrists that can be caused by extensive keyboard use. Chapter 3, Getting Started, also includes information on work space design, posture and lighting that can help reduce physical stress.

Page 12: Lcd Display

This product and the original options are designed to observe the related EMC (Electromagnetic compatibility) and safety standards. However, TOSHIBA should not guarantee that this product still observes these EMC standards if options or cables not produced by TOSHIBA are connected or implemented.

Page 13: Working Environment

This product was designed to fulfil the EMC (electromagnetic compatibility) requirements to be observed for so-called "Residential, commercial and light industry environments". TOSHIBA do not approve the use of this product in working environments other than the above mentioned "Residential, commercial and light industry environments".

Page 14 About TOSHIBA Wireless Solution Wireless LAN Card Types The Wireless LAN Card is a wireless network card that complies with the IEEE 802.11 standard on wireless LANs (Revision

B).

Page 15: Wireless Interoperability

User's Manual Wireless Interoperability The TOSHIBA Wireless LAN Mini PCI Card products are designed to be interoperable with any Wireless LAN product that is based on Direct Sequence Spread Spectrum (DSSS) radio technology, and is compliant ■ The IEEE 802.11 Standard on Wireless LANs (Revision B), as defined and approved by the Institute of Electrical and Electronics Engineers.

Page 16: Limitation Of Liability

User's Manual Limitation of Liability For damage occurring due to an earthquake or thunder, fire beyond our responsibility, action by third party, other accident, intentional or accidental mistakes by a user, misuse, use under abnormal conditions, we do not take any responsibility. For incidental damage (loss of business profit, business interruption, etc.) occurring due to use or disability of the product, we do not take any responsibility.

Page 17 User's Manual WARNING Turn OFF the Wireless Communication switch of Wireless Products in a congested place, such as a crowded commuter train. Keep this product away from a cardiac pacemaker at least 22cm. Radio waves can potentially affect cardiac pacemaker operation, thereby causing respiratory troubles.

Page 18: Regulatory Information

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

Page 19 User's Manual Belgium/ For outdoor usage only channel 10 (2457 MHz) België/Belgique and 11 (2462 MHz) is allowed. For private usage outside buildings across public grounds over less than 300m no special registration with IBPT/BIPT is required. Registration to IBPT/BIPT is required for private usage outside buildings across public grounds over more than 300m.

Page 20 TOSHIBA is not responsible for any radio or television interference caused by unauthorized modification of the devices included with this TOSHIBA Wireless LAN Mini PCI Card, or the substitution or attachment of connecting cables and equipment other than specified by TOSHIBA.

Page 21 User's Manual Caution: Exposure to Radio Frequency Radiation. The TOSHIBA Wireless LAN Mini PCI Card will be installed with one of two types of antennas. Both antenna types, when installed are located at the upper edge of the LCD screen.

Page 22 2. In case that RF interference occurs to Other Radio Stations from this equipment, please change promptly the frequency for use, place to use, or stop emitting Radio. 3. Please contact TOSHIBA Direct PC if you have a problem, such as interference from this equipment to Other Radio Stations.

Page 23 User's Manual Device Authorisation This device obtains the Technical Regulation Conformity Certification and the Technical Conditions Compliance Approval, and it belongs to the device class of radio equipment of low-power data communication system radio station stipulated in the Radio Law and the Telecommunications Business Law of Japan.

Page 24: Table Of Contents

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Page 29: Introduction

Introduction Satellite P20 Introduction Welcome to the world of portable computing. With your new TOSHIBA Satellite computer, your work can accompany you wherever you go. Your Satellite P20 computer provides fast and easy Internet access. ® ® Microsoft Windows XP is already installed on your computer. It offers exciting new features and easy Internet access.

Page 30: Safety Icons

TECHNICAL NOTE: This icon signals useful information about how your computer works and tips on, for instance, installing software and devices. Service Options TOSHIBA offers a full line of service options built around its warranty programs. See the warranty and service material included with your computer for registration information.

Page 31: Chapter 1 Finding Your Way Around

CDs or digital files using the control buttons even when the computer is turned off. The Remote Control Receiver is the infrared port used by for the TOSHIBA Remote Control. (The Remote Control device is not supplied with all models.) User's Manual...

Page 32: Cd/Digital Control Buttons

The 2nd Module Bay is generally used for the removable battery, but it may also be used with a second Optical Media Drive. You can purchase TOSHIBA optional HDD and optical devices in order to extend computer's function. Please get contact with your TOSHIBA dealer.

Page 33: System Status Indicators

Finding Your Way Around Full instructions on playing CDs, DVDs and digital music files with your computer on or off are given in chapter 5.The Eject button works in system off mode. System status indicators POWER DC-IN BATTERY The DC-IN LED indicates the computer is connected to the AC adapter and it is plugged into an AC power source.

Page 34 Finding Your Way Around MAIN HARD DRIVE MODULE BAY SD CARD WIRELESS COMMUNICATION The Main Hard Drive LED indicates that the HDD is being accessed. Every time your computer runs a program, opens a file, or performs some other function in which it must access the HDD, this light goes on. The Module Bay LED indicates that the device in either the Main or 2 Module Bay is being accessed.

Page 35: Left Side

Finding Your Way Around Left Side WIRELESS COMMUNICATION SWITCH LINE-IN JACK HEADPHONE JACK SECURITY LOCK SLOT MICROPHONE JACK VOLUME CONTROL The Volume Control adjusts the audio volume level. The Microphone Jack let you connect a 3.5mm three conductor mini jack microphone or other audio input device. The Headphone Jack lets you connect stereo headphones or other audio-output devices such as external speakers.

Page 36: Right Side

Finding Your Way Around Right Side USB PORTS MODEM JACK SD CARD SLOT FIR PORT I.LINK Port PC Card Slots TV Out Port The i.LINK (IEEE 1394) Port lets you connect devices such as digital video cameras to your computer in order to download data from them. The i.LINK Port is not available on all configurations.

Page 37: Rear Side

Finding Your Way Around Rear Side EXTERNAL MONITOR PARALLEL PORT PORT FAN VENTS LAN JACK USB PORTS DC-IN The LAN Jack is an RJ-45 jack for using a standard LAN cable to connect to a Local Area Network. ACTIVITY (AMBER LIGHT LINK (GREEN LIGHT) There are two status indicator on the LAN Jack.

Page 38 Finding Your Way Around The Parallel Port lets you connect a parallel printer, or other devices including ECP-compatible devices. The two USB (Universal Serial Bus) Ports allow you to connect USB peripherals to your computer, such as a printer, keyboard or pointing device.

Page 39: Bottom Side

Finding Your Way Around Bottom Side MAIN MODULE BAY BLUETOOTH/MODEM 2ND MODULE BAY LOCK MODULE COVER FAN COVER LOCK MAIN MODULE BAY WIRELESS LAN CARD MEMORY MODULE 2ND MODULE BAY LATCH MODULE COVER COVER LATCH The Memory Module Cover protects the system memory modules. The Bluetooth/Modem Module Cover protects the Bluetooth device (if installed;...

Page 40: Front With The Display Open

Never remove or insert a module without first shutting down the computer. Doing so could result in irreparable damage. Never cover the fan inlets. Front With The Display Open TOSHIBA CONSOLE POWER BUTTON LCD SCREEN INTERNET BUTTON BUTTON KEYBOARD...

Page 41 Finding Your Way Around The Power Button turns the computer on and off, or let the system enter lower power mode (Standby, Hibernation) depending on power management setting. The Keyboard provides all the functionality of a full-size keyboard. The front panel provides a palm rest to assist you in maintaining proper posture while using the computer.

Page 42 Finding Your Way Around TOUCH PAD TOUCH PAD CONTROL BUTTONS The Touch pad is a pressure sensitive pointing device which works like a mouse to position the cursor on the screen. The two Touch pad Control Buttons have essentially the same functions as mouse buttons.

Page 43 BUTTON The two User-Defined buttons are pre-configured as the Internet button, which opens your default web browser, and the TOSHIBA Console button, which opens the TOSHIBA Console program. Both can be assigned custom tasks, which are then triggered when one of them is pressed.

Page 44: Chapter 2 Getting Started

If the computer does not operate correctly after you turn it back on, contact a TOSHIBA authorized service provider. ■ Equipment that generates a strong electromagnetic field, such as stereo speakers (other than speakers that are connected to the computer) or speakerphones.

Page 45: Keeping Yourself Comfortable

Getting Started Keeping yourself comfortable Strain and stress injuries are becoming more common as people spend more time using their computers. However, with a little care and proper use of the equipment, you can work comfortably throughout the day. This section provides hints on avoiding strain and stress injuries. For more information, consult books on ergonomics, repetitive- strain injury, and repetitive-stress syndrome.

Page 46: Lighting

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

Page 47: Work Habits

Getting Started Work habits The key to avoiding discomfort or injury from strain is to vary your activities. If possible, schedule a variety of tasks into your working day. Finding ways to break up the routine can reduce stress and improve your efficiency.

Page 48: Setting Up Your Computer

Getting Started Setting Up Your Computer Setting up your computer may include: ■ Connecting the AC adapter ■ Charging the battery ■ Connecting a printer ■ Connecting an alternate pointing device Connecting the AC adapter Your computer contains a rechargeable battery pack, which needs to be charged before you can use it the first time.

Page 49: Charging The Battery

Never remove the power plug from the outlet with wet hands. Using the wrong AC adapter could damage your computer. TOSHIBA assumes no liability for any damage in such cases. Never pull directly on the power cable to unplug it. Hold the power plug when removing the cable from the outlet.

Page 50: Connecting A Printer

Getting Started Connecting A Printer Before connecting a printer, you need to know whether it requires a USB or a parallel interface. Check the printer's documentation. If the printer can be switched between USB and parallel mode, choose parallel if you want to leave your USB ports free for other use.

Page 51: Connecting A Mouse

Getting Started Connecting A Mouse You may want to use a external mouse or trackball instead of the computer's built-in Touch pad pointing device. Your Satellite computer supports USB-compatible pointing devices. The Touch pad remains operable even if you connect an external pointing device to the computer.

Page 52: Using The Computer For The First Time

Getting Started Using The Computer For The First Time Slide the display panel latch to the right to release it and then lift the display panel to open the computer. Don't force the display panel open beyond the point where it moves easily.

Page 53: Using The Touch Pad

Getting Started Using the Touch pad The Touch pad is a touch-sensitive pointing device that provides all the features of a mouse. Please refer to the following instructions on how to operate the Touch pad. The Touch pad is easily accessible by moving any of your fingers off the space bar and onto the Touch pad.

Page 54: Adjusting Brightness

Getting Started ® Many of the functions within Microsoft Windows series operating systems can also be launched by using single tap on the Touch pad. This single tapping will select the desired item and prompt the software to perform the related operation. When working with programs that employ a graphical user interface (GUI), ®...

Page 55

Brightness control with Fn+F6 or Fn+F7 is temporary. After the computer restarts, the brightness setting in the TOSHIBA Power Management Utility overrides it. For more on the TOSHIBA Power Management Utility, refer to chapter 5. After the computer is restarted, the cursor keypad and numeric keypad are both turned off on the notebook keyboard.

Page 56: Stickykeys

Panel, then Accessibility. Select the Keyboard tab. Fn key also supports StickyKey function. Registering your computer Registering your computer lets TOSHIBA keep you up-to-date with information about new products and upgrades, and also provides TOSHIBA warranty coverage. See the registration card and warranty information in the appendix section for details about the warranty options available from TOSHIBA.

Page 57: Chapter 3 Learning The Basics

Learning The Basics Satellite P20 Chapter 3 Learning The Basics This chapter covers precautions and computing tips that you should follow when using your Satellite series

computer. It also provides important information about the basic features of your system. Precautions ■...

Page 58: Computing Tips

Learning The Basics Computing Tips ■ Save your work frequently. Your work stays in the computer's temporary memory until you save it to the disk. You will lose all the work done since you last saved, if, for example, a system error occurs and you must restart your computer, or your battery runs out of charge while you are working.

Page 59: Using The Keyboard

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

Page 60: Windows Special Keys

Learning The Basics ® Windows special keys ® WINDOWS APPLICATION KEY ® The keyboard provides two keys that have special functions in Windows ® The Windows key activates the Start menu. The Application key has the same function as the secondary (normally right-side) mouse (or Touch pad) button.

Page 61: Using The Cursor Control Overlay

Learning The Basics Using the cursor control overlay To turn the cursor control overlay on and off, press Fn and F10 simultaneously. The cursor control light immediately below the F10 key glows when the cursor control overlay is on. To type alphabetic characters while the overlay is on: ■...

Page 62: Starting A Program From The Run Command

Learning The Basics Starting a Program from the Run Command You can start a program from the taskbar if you know its name and location. 1. Click Start on the taskbar. 2. Click Run. 3. In the dialog box, type the command line. 4.

Page 63: Printing Your Work

Learning The Basics Printing Your Work ® ® Make sure that the Microsoft Windows XP operating system is set up for your printer. You only need to setup the printer the first time you connect it. If you use more than one printer or are changing printers, you will need to setup your ®...

Page 64: Working With Stickykeys

The Internet Button and the TOSHIBA Console Button By default, the User-Defined buttons are configured with Internet and TOSHIBA Console functionality. The Internet button opens your default Internet web browser, while the TOSHIBA Console button opens the TOSHIBA Console. Configuring the Buttons 1.

Page 65: Configuring The On Screen Display

Learning The Basics Configuring the On Screen Display 1. Right-click the Easy Button software icon in your system tray notification area. 2. From the pop-up menu, click the OnScreen Display option. 3. Click the Font button to open the Choose Font dialog box and select the font you'd like to appear in the OSD.

Page 66: The Cd-Rom / Dvd-Rom / Cd-Rw/Dvd / Dvd-R/-Rw / Dvd Multi Drive

Learning The Basics The CD-ROM / DVD-ROM / CD-RW/DVD / DVD-R/-RW / DVD Multi drive Press the eject button to open the disc tray. The eject button will open the disc tray even when the computer is off if the battery has power and the computer is in CD mode.

Page 67: Opening The Disc Tray With The Computer Off

Learning The Basics Opening the disc tray with the computer off When your computer is turned off, you can remove and insert CDs in two ways. You can turn your computer to CD mode by pressing the CD/Digital Mode button for more than 3 seconds and then use the eject button as

normal.

Page 68: Inserting Pc Cards

Learning The Basics Inserting PC Cards PC Cards require Card and Socket Services software, which is ® ® preinstalled with Microsoft Windows XP. This is a set of programs that acts as a translator between the PC Card and the computer that makes hot swapping (switching cards while the computer is on) possible.

Page 69: Removing Pc Cards

Learning The Basics Removing PC Cards 1. Double-click the Safely Remove Hardware icon in the taskbar notification area. 2. Select the PC Card that you want to remove from the list, then click Stop. 3. A dialog box opens, from which you select the name of the PC Card you wish to stop.

Page 70: Using Sd Cards

Gently slide it into the SD Card slot until it clicks into place. If the system can not recognize SD cards correctly, please format SD cards with TOSHIBA SD Memory Card Format utility. If SD card is formatted, all of data will be erased. User's Manual...

Page 71

Removing SD Cards 1. Double-click the Safely Remove Hardware icon in the taskbar notification area. 2. Select the TOSHIBA SD Memory Card Drive from the list, then click Stop. 3. A dialog box opens, select the TOSHIBA SD Memory Card Drive again.

Page 72: Using Your Computer As A Desktop Computer

Learning The Basics Using Your Computer As A Desktop Computer By connecting an external monitor, external full-size keyboard, and a mouse, you can work with your notebook as if it were a standard desktop computer. An external monitor connects to the external monitor port. Any USB devices including an external keyboard and pointing device connect to any of the three USB ports.

Page 73: Setting Up Communications

Learning The Basics Setting Up Communications To connect to the Internet, use an online service, or communicate across the telephone lines with another computer, you need: ■ A modem (supplied with your Satellite notebook computer). ■ A telephone line. ■ A browser (supplied with your computer) or communications program.

Page 74: Connecting Your Computer To A Network

Standby command. The Standby command can disrupt your network connection. You can disable the Standby command in Power Options (in Control Panel) or the TOSHIBA Power Management Utility (click the icon on the taskbar). Connecting directly to a remote computer If you are connecting directly to a remote computer or a bulletin board service (BBS), you need a general-purpose communications program.

Page 75: Communications Parameters

Learning The Basics Communications parameters There are four communications parameters: ■ Modem speed - The speed at which the modem transfers information. Speeds are measured in bits per second. ■ Data bits - The number of bits in one character. This number is usually seven or eight.

Page 76: Turning Off The Computer

Cleaning the computer To keep your computer clean, gently wipe the display panel and exterior case with a lightly dampened cloth. Ask your TOSHIBA dealer for suggestions for appropriate cleaning products. Keep liquid, including cleaning fluid, out of the computer’s keyboard, speaker grille, and other openings.

Page 77: Restoring The Pre-Installed Software

TOSHIBA’s Online Resources TOSHIBA maintains a number of online sites to which you can connect. These sites can provide information about TOSHIBA products, give help with technical questions, and keep you up to date with future upgrades.

Page 78: Chapter 4 Mobile Computing

This chapter covers all aspects of using your computer while travelling. TOSHIBA's Energy-Saving Design TOSHIBA is a partner in the Energy Star Program and has designed this product to meet the Energy Star guidelines for energy efficiency. Your computer enters a low-power state when it is not being used, thereby conserving energy and saving money in the process.

Page 79: Running The Computer On Battery Power

Mobile Computing Running the computer on battery power The computer uses a removable Lithium Ion (Li-ION) battery pack that provides power when you are away from an AC power source. You can recharge it many times. In addition to the removable battery, the computer has an internal real- time clock (RTC) Lithium rechargeable battery.

Page 80: Charging Batteries

Mobile Computing Charging Batteries The battery needs to be charged before you can use it to power the computer. You can charge the battery using your computer. Charging the battery To charge the battery while it is in your computer, plug the computer into a live AC outlet.

Page 81: Charging The Rtc Battery

Mobile Computing Charging the RTC battery In addition to the main battery, the computer contains an internal battery for the real-time clock (RTC). The RTC battery provides power for the internal real-time clock and calendar. During normal use, the main battery keeps the RTC battery adequately charged.

Page 82: Monitoring Battery Power

The computer needs this time to check the battery's remaining capacity and perform calculations. To check the battery level, you can look at the TOSHIBA Power ® Management Utility, which can be found in the Windows Control Panel.

Page 83: Conserving Battery Power

Mobile Computing Conserving Battery Power How long a fully charged battery pack lasts when you are using the computer depends on a number of factors, such as: ■ How is the computer configured? ■ How much do you use the display panel instead of an external monitor? ■...

Page 84: Battery Alarms

You can also set the computer to enter Standby when the alarm goes off. To set the alarm levels: 1. Click the Start button, then click Control Panel. 2. Double-click the TOSHIBA Power Mangement icon (if in Category View, then first click Performance and Maintenance to make the TOSHIBA Power Mangement icon appear).

Page 85: Changing The Battery

Mobile Computing Changing The Battery When your battery runs out of power, you have two options- connect the AC adapter or install a fresh battery. For instructions on using the AC adapter, see "Connecting the AC adapter" in chapter 2. Removing the battery 1.

Page 86: Inserting A Battery

Batteries should not be disposed of together with household waste. To make sure that they are forwarded to recycling or proper disposal they may be returned free of charge to an authorized TOSHIBA dealer/distributor. Use only batteries recommended by TOSHIBA as replacements.

Page 87: Travelling Tips

■ Always travel with the computer in a carrying case. TOSHIBA offers a choice of carrying cases for the computer. They all provide plenty of extra space for manuals, power cables, CDROM discs, and floppy disks, etc.

Page 88: Chapter 5 Using Advanced Features

Using Advanced Features Satellite P20 Chapter 5 Using Advanced Features This chapter explains many advanced features of your notebook computer. Multiple Displays Adjusting display settings You can adjust your display settings in Display Properties. Enter through Start, Control Panel, Appearance and Themes, Display or, right-click ®...

Page 89: Setting Up More Than One Display

Using Advanced Features Setting up more than one display Make sure that the display device is connected and select the Settings tab in Display Properties. Click on Advanced and select GeForce FX Go5200. Click nView Display Mode in the menu on the left side by clicking the tab.

Page 90: Multiple Display Properties

Using Advanced Features Multiple display properties If the nView tab is not visible when you click the Advanced button on the Settings tab of the Display Properties window, you must adjust your settings before using nView. Disable your existing dual monitor settings under the Settings tab by doing the following.

Page 91

Using Advanced Features The Display Properties window allows you to adjust more precisely the relative positioning of the two displays when they are configured as an extended desktop. On the Display Properties window, the two displays can be positioned horizontally, vertically or in any diagonal configuration you wish, as shown below.

Page 92: Playing Dvds

Using Advanced Features Playing DVDs The WinDVD software for playing DVD movie titles is already installed. To use it, simply insert the DVD disc into the disc tray. Your computer will launch the WinDVD software automatically. Using a CD-RW, DVD-R/-RW or DVD Multi Drive If your computer comes with either the CD-RW, DVD-R/-RW or DVD Multi Drive, you can write to either CD-R, CD-RW, or DVD-R media.

Page 93: Playing Cds, Dvds And Digital Music Files With The Computer On Or Off

Using Advanced Features Playing CDs, DVDs And Digital Music Files With The Computer On Or Off You can listen to CDs with the computer turned off and also start playing digital music files and DVDs, in which case the computer will turn on automatically.

Page 94: Digital Mode

Using Advanced Features Digital Mode In Digital mode, your computer can play DVD video, MP3s, Wav files, Midi files, and other forms of digital music file. When the CD control buttons are unlocked (by pressing the CD/Digital Mode button for over three seconds) the computer initially enters the CD mode.

Page 95: Using The Toshiba Remote Control

CDs or DVDs with the remote control device that ships with your computer. Not all models will come with a TOSHIBA Remote Control. The receiver port on the front of your computer should not be blocked or covered for it to work.

Page 96: Using Wireless Lan

1. Slide the Wireless Communication switch to turn on the Wireless Networking. The LED will light amber to show the on status. 2. Run the TOSHIBA Client Manager from the system task bar to connect the nearest Access Point if you are using 802.11a/b.

Page 97: Using The Toshiba Power Management Utility

This software allows you to select the power scheme with the most appropriate settings for this computer. You can double click the TOSHIBA Power Management Utility icon on the system taskbar to execute the program. Following the on-screen display step by step panels, you will find following settings.

Page 98: Chapter 6 Expanding & Upgrading

Expanding & Upgrading Satellite P20 Chapter 6 Expanding & Upgrading This chapter covers things you can do to expand and upgrade your computer including connecting external peripherals, buying additional disk drives to attach externally and installing more system memory. Using External Peripherals Your computer is ideally suited for use as a desktop computer in the office or at home.

Page 99: Connecting A Usb Keyboard

Expanding & Upgrading Connecting A USB Keyboard You can install a full-size USB keyboard. This may be more convenient for some tasks and saves wear and tear on the computer's built-in keyboard. RIGHT USB PORTS REAR USB PORTS To install an external USB keyboard do as follows: 1.

Page 100: Connecting An External Usb Pointing Device

Expanding & Upgrading Connecting An External USB Pointing Device You can install an external USB pointing device, such as a mouse, to use instead of, or in addition to, the built-in Touch pad device. You can use any type of pointing device as long as it has a USB interface. RIGHT USB PORTS REAR USB PORTS To install an external USB pointing device do as follows:...

Page 101: Connecting An External Monitor

Expanding & Upgrading Connecting An External Monitor You might want to connect an external monitor to your computer to have a larger screen and to reduce wear on the built-in LCD screen. You can connect a CRT desktop monitor to the standard 15-pin external monitor port on the rear of the computer, or, if the monitor has a USB interface, to one of the USB ports.

Page 102: Connecting A Television

Expanding & Upgrading Connecting A Television You might want to connect a television to your computer to have a larger screen to watch DVDs. You can connect a television by using an S-video cable in the TV Out port on the right side of the computer. TV OUT PORT To connect a television to the TV Out port do as follows: Make sure the computer is turned off before connecting an external...

Page 103: Connecting Audio Devices

Expanding & Upgrading Connecting Audio Devices The audio jacks on the left side of the computer allow you to connect several devices including speakers and a microphone. Connecting external speakers You can connect self-powered stereo speakers to the computer to provide better sound reproduction than that from the built-in speakers and save wear on them.

Page 104: Connecting A Microphone

Expanding & Upgrading Connecting A Microphone If you want to use a microphone for recording, voice commands or computer telephony, you can connect one to the microphone jack. LINE-IN JACK MICROPHONE JACK To connect a microphone, do as follows: 1. Make sure the microphone you get is a standard computer microphone with a 3.5mm mini-plug connector.

Page 105: Additional Options

Main or 2 Module Bay. External floppy disk drive You can purchase a TOSHIBA external USB floppy disk drive. The drive is powered from the computer. You simply plug it in and it works. RIGHT USB PORTS...

Page 106: Upgrading System Memory

1 GB memory modules. If you want to upgrade the system memory, you should use only certified modules. Ask your vendor or check the TOSHIBA web site for a list of approved memory products. The basic specifications of the memory used are: ■...

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Expanding & Upgrading 2. Place the computer on a static-free surface and turn it over. 3. Remove the memory module cover by removing the two retaining screws and lifting the cover panel out. MEMORY MODULE COVER 4. Insert the SO-DIMM module in the socket at about a 45º angle and then press it down into the socket until it snaps in place.

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Expanding & Upgrading 5. Restore the memory module cover back to its place and secure it with the two retaining screws. The memory upgrade is now installed. Turn the computer right side up, open it and turn it on. The system should automatically recognize the new total memory capacity.

Page 109: Chapter 7 If Something Goes Wrong

This chapter aims to help you solve many problems by yourself without additional help. It covers the problems you are most likely to encounter. If all else fails, contact nearest TOSHIBA dealer or service support. You will find information on TOSHIBA's support services in Appendix

E.

Page 110: Problems When You Turn On The Computer

Technology (HTT). If an application does not work with HTT, try disabling it as described below. 1. Turn the computer on. 2. Press F2 key to enter BIOS setup menu when TOSHIBA logo appears on the screen. 3. Set [Disable] in [Advanced]->[Hyper Threading Technology] 4.

Page 111: Fixing Device-Related Problems

If Something Goes Wrong The computer is not accessing the hard disk or the diskette drive Your computer normally loads Windows from the hard disk. If you have a hard disk problem, you will not be able to start the computer. Insert a system diskette into the diskette drive, then press the power button.

Page 112: Power Problems

The battery appears not to power the computer for as long as it usually does Check the power options using the TOSHIBA Power Management utility. Have you added a device, such as a PC Card or memory module, that takes its power from the battery? Is your software using the hard disk...

Page 113: Keyboard Problems

If Something Goes Wrong Keyboard Problems If, when you type, strange things happen or nothing happens, the problem may be related to the keyboard itself. The keyboard produces unexpected characters A keypad overlay may be on. If the numeric keypad or cursor control light is on, press Fn and F10 simultaneously to turn off the cursor control light or press Fn and F11 simultaneously to turn off the numeric keypad light.

Page 114: Display Problems

If Something Goes Wrong Display Problems Here are some typical display problems and their solutions: The display is blank Display Auto Off may have gone into effect. Press any key to activate the screen. You may have activated the instant security feature by pressing Fn and F1 simultaneously.

Page 115: Disk Drive Problems

If Something Goes Wrong A message indicates a problem with your display settings and that the adapter type is incorrect or the current settings do not work with your hardware Reduce the size of the colour palette to one that is supported by the computer’s internal display.

Page 116

If Something Goes Wrong Your data files are damaged or corrupted Refer to your software documentation for file recovery procedures. Many software packages automatically create backup files. You may also be able to recover lost data using utility software, which is available from your dealer.

Page 117: Cd-Rom Drive Problems

If Something Goes Wrong CD-ROM Drive Problems You cannot access a CD in the drive Make sure the CD-ROM tray has closed properly. Press gently until it clicks into place. Open the CD-ROM tray and remove the CD. Make sure the CD-ROM tray is clean.

Page 118: Pc Card Problems

If Something Goes Wrong PC Card Problems PC Cards (PCMCIA-compatible) include many types of devices, such as a removable hard disk, additional memory, fax/modem, or pager. Most PC Card problems occur during installation and setup of new cards. If you’re having trouble getting one or more of these devices to work together, several sections in this chapter may apply.

Page 119

If Something Goes Wrong Hot swapping (removing one PC Card and inserting another without turning the computer off) fails Follow this procedure before you remove a PC Card: 1. Click the PC Card icon on the taskbar. 2. Click Safely remove xxxx, where xxxx is the identifier for your PC Card.

Page 120: Printer Problems

If Something Goes Wrong Printer Problems This section lists some of the most common printer problems. The printer will not print Check that the printer is connected to a working power

outlet, turned on and ready (on line). Make sure the printer cable is firmly attached to the computer and the printer.

Page 121: Modem Problems

If Something Goes Wrong Modem Problems This section lists common modem problems. The modem will not receive or transmit properly Make sure the RJ-11 cable (the one that goes from the modem to the telephone line) is firmly connected to the modem's RJ-11 jack and the telephone line socket.

Page 122: Develop Good Computing Habits

If Something Goes Wrong Develop Good Computing Habits ■ Make sure you are prepared. ■ Save your work frequently. You can never predict when your computer will lock forcing you to close a program and lose unsaved changes. Many software programs build in an automatic backup, but you should not rely solely on this feature.

Page 123: If You Need Further Assistance

Your dealer is your best source for current information. Contacting TOSHIBA If you still need help and suspect that the problem is hardware related, TOSHIBA offers a variety of resources to help you. Please refer to appendix E for TOSHIBA support information. User's Manual...

Page 124: Appendix A Hot Keys

Press the hotkeys again to change the setting. You can also change this setting through the AC Power or Battery Power items of the Power Save Modes tab in the TOSHIBA Power Management Utility. Standby The computer enters Standby. To avoid entering Standby unexpectedly, a dialog box appears for verification.

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The cursor and numeric keypads are set to off whenever you restart or turn your computer on. Brightness settings are likewise overridden during Start-up by those set in the Power Management Utility. For TOSHIBA Power Management Utility, refer to chapter 5.

Page 126: Appendix B Features And Specifications

Features And Specifications Satellite P20 Appendix B Features And Specifications This appendix lists the features of the Satellite P20 series computers and summarizes their specifications. ■ ® ® 2,53 GHz Intel Pentium 4 processor 2,53 GHz ■ ® ® 2,66 Intel Pentium 4 processor 2,66 GHz with 533 MHz system bus,...

Page 127

Features And Specifications BIOS ■ 512KB Flash ROM for system BIOS ■ Password protection (System) ■ Windows XP ready with PnP ■ Suspend to RAM/Disk ■ Hot keys for system control ■ Refreshable ■ Complete ACPI 1.0b Function Power ■ 12 cells Li-Ion 18650 size smart battery Pack with 14.8V x 6450 mAh capacity ■...

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Features And Specifications Options ■ PC2100 256MB / 512MB / 1GB DDR module ■ Module Bay HDD adaptor ■ HDD pack ■ CD-RW/DVD-ROM Drive Kit ■ DVD Multi Drive Kit ■ DVD-R/-RW Drive Kit ■ FDD Drive Kit ■ USB FDD Kit ■...

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Full ACPI 1.0b supported ■ LCD Auto-DIM mode by time out Switches ■ Power Button ■ One Internet Button ■ One TOSHIBA Console Button ■ One TV Out Button ■ CD/Digital Mode Button ■ Eject/Stop Button ■ Play/ Pause Button ■...

Page 130: Appendix C Power Cable Connectors

Power Cable Connectors Satellite P20 Appendix C Power Cable Connectors The Satellite computer features a universal power supply you can use worldwide. This appendix shows the configuration of typical AC power cord plugs and sockets in various parts of the world. USA and Canada United Kingdom UL approved...

Page 131: Appendix D Display Modes

Display Modes Satellite P20 Appendix D Display Modes This appendix is a table of the display mode options of your computer's nVidia Graphics Controller when display device is set to an external monitor. CRT Display Colour Depth Refresh Rate (Hz) Resolution 800x600 60 70 72 75 85...

Page 132: Appendix E The Toshiba International Warranty

The cover is assured in major industrial countries of the world. It means that wherever you take your TOSHIBA mobile PC in this area, you will never be left without help should any problems arise.

Page 133 Estonia ServiceNet Tel: +372-6504-949 Pärnu str. 142 Fax: +372-6504-948 11317 Tallinn http://www.servicenet.ee Finland Scribona Suomi OY / TOSHIBA Digital Media Tel: +358-9-5272555 Sinimäentie 8A,P.O.Box 83 Fax: +358-9-5272500 02630 ESPOO http://www.toshiba-dm.com France TOSHIBA Systèmes (France) S.A. Tel.: +33-8 92 69 70 92 7 Rue Ampère ;...

Page 134 Tel: +36-1-467 6100 Öv u, 185, Fax: +36-1-252 6470 1147 Budapest http://www.technotrade.hu Ireland TOSHIBA Information Systems (U.K.) Limited, Tel.: +353 (0)1248 1 248 TOSHIBA Court, Weybridge Business Park, Fax: + 44 (0)8702 202 303 Addlestone Road, Weybridge, Surrey KT15 2UL www.toshiba.co.uk/computers/...

Page 135 The TOSHIBA International Warranty Norway Scribona Norway A/S Tel: +47-22-897-189 Stålfjæra 20, P.O.Box 51, Kalbakken Fax: +47-22-897-166 0901 Oslo http://www.toshiba-dm.com Oman Bahwan IT Tel.: + 968 790191-117 Sarco Building, Ground Floor No. 459, Way Fax: +968-790 192 (Sultanate of Oman) No.

Page 136 Tel: +44-(0)8702 202202 Kingdom TOSHIBA Court, Weybridge Business Park Fax: + 44-(0)8702 202303 Addlestone Road, Weybridge www.toshiba.co.uk/computers/ Surrey KT15 2UL United States TOSHIBA America Information Systems, Inc. Tel: +1-949-583-3000 9740 Irvine Blvd., P.O. Box 19724 Fax: +1-949-583-3345 Irvine, CA 92713-9724 http://www.toshiba.com Yugoslavia CT Computers d.o.o.

Page 137 The TOSHIBA International Warranty TOSHIBA addresses for the Internet/World Wide Web TOSHIBA Europe TOSHIBA Japan http://www.toshiba-europe.com http://www.toshiba.co.jp TOSHIBA America TOSHIBA Canada http://www.toshiba.com http://www.toshiba.ca User's Manual...

Page 138: Appendix F If Your Computer Is Stolen

What is your address, phone, and fax number? To register the theft, 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 139: Toshiba Theft Registration

If Your Computer Is Stolen TOSHIBA Theft Registration Send to: TOSHIBA Europe GmbH Technical Service and Support Leibnizstr. 2 93055 Regensburg Germany Fax number: +49 (0) 941 7807 925 Country stolen: Machine type: (e.g. Satellite P20) Model number: (e.g. PSA10 YXT) Serial number: (e.g.

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7-7 display brightness problems, 7-6 adjusting, 2-11 display latch, 1-1 buttons Internet, 1-13, 3-8 playing, 5-5 TOSHIBA Console, 1-13, 3-8 TV Out, 1-13 External Monitor connecting, 6-4 port, 1-8 inserting, 3-10 Mode, 5-6 playing, 3-10, 5-5 FIR port, 1-6, 5-7...

Page 141 Index Mouse connecting, 2-8 Headphone Jack, 1-5 USB, 6-3 Hot swapping, 3-13 Multiple displays, 5-1 Hotkeys, 2-11, A-1 Optical drives, 3-10 i.LINK port, 1-6 using, 3-9 Internet button, 1-13, 3-8 Overlay keys, 3-4 Keyboard, 1-11 Parallel port, 1-8 Caps Lock LED, 1-11 PC Card Character keys, 3-3 hot swapping, 3-13...

Page 142 CD-ROM drive, 7-9 System status indicators, 1-3 disk drive, 7-7 display, 7-6 Television keyboard, 7-5 connecting, 6-5 memory, 7-3 TOSHIBA Console button, 1-13, modem, 7-13 PC Card, 7-10 TOSHIBA’s Online Resources, 3-21 power, 7-4 Touch pad, 1-12 printer, 7-12 Control Buttons, 1-12...

This manual is also suitable for:

Satellite p20-s103Satellite p20-s203fSatellite p25-sp507Satellite p25-sp526Satellite p25-sp509Psp20c-1u8pw ... Show all