Asus G20BM User Manual

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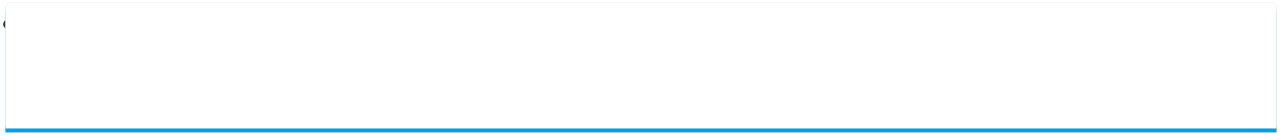

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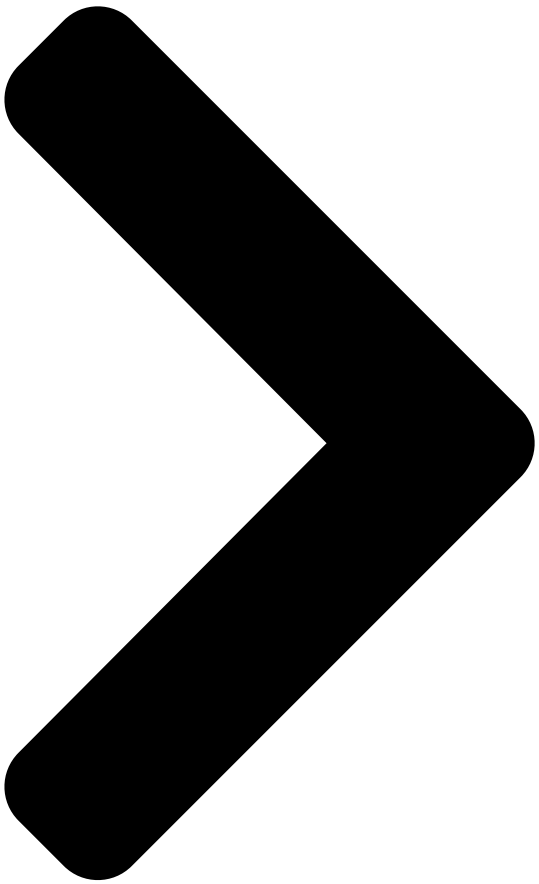

Desktop PC

G20BM

User Guide

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Related Manuals for Asus G20BM

Desktop pc Asus k20ce User Manual

(62 pages)

Desktop pc Asus P30AD User Manual

(72 pages)

Desktop pc Asus BM6635 User Manual

(215 pages)

Desktop pc Asus CP3130 User Manual

(206 pages)

Desktop pc Asus K30AM User Manual

(81 pages)

Summary of Contents for Asus G20BM

Page 1 Desktop PC G20BM User Guide...

Page 2 Product warranty or service will not be extended if: (1) the product is repaired, modified or altered, unless such repair, modification of alteration is authorized in writing by ASUS; or (2) the serial number of the product is defaced or missing.

Page 3: Table Of Contents

Contents Notices .....5 Safety information ..... 9 Conventions used in this guide.....10 Where to find more information .....10 Package contents .....11 Chapter 1: Getting started Welcome! .....13 Getting to know your computer .....13 Setting up your computer.....17 Turning your computer ON .....18 Chapter 2: Connecting devices to your computer Connecting a USB storage device .....19...

Page 4 Entering the BIOS Setup .....60 Other Windows 7 / Windows 8.1 functions ® ® Removing a USB storage device .....61 Configuring the screen resolution settings .....62 Configuring the Internet connection settings .....63 Recovering your system .....72 ASUS contact information ASUS contact information .....77...

Page 5: Notices

Notices ASUS Recycling/Takeback Services ASUS recycling and takeback programs come from our commitment to the highest standards for protecting our environment. We believe in providing solutions for you to be able to responsibly recycle our products, batteries, other components, as well as the packaging materials. Please go to http://csr.asus.com/english/Takeback.htm for the detailed recycling information in different regions.

Page 6 Avertissement relatif aux batteries Lithium-Ion MISE EN GARDE: Danger d’explosion si la pile n’est pas remplacée correctement. Remplacer uniquement avec une pile de type semblable ou équivalent, recommandée par le fabricant. Mettez au rebut les batteries usagées conformément aux instructions du fabricant.

Page 7 VCCI: Japan Compliance Statement VCCI Class B Statement This is a Class B product based on the standard of the VCCI Council. If this is used near a radio or television receiver, it may cause radio interference. Install and use equipment according to the instruction manual.

Page 8 All ASUS products with the ENERGY STAR logo comply with the ENERGY STAR standard, and the power management feature is enabled by default. The monitor and computer

are automatically set to sleep after 10 and 30 minutes of user inactivity.

Page 9: Safety Information

Safety information Disconnect the AC power and peripherals before cleaning. Wipe the Desktop PC using a clean cellulose sponge or chamois cloth dampened with solution of nonabrasive detergent and a few drops of warm water then remove any extra moisture with a dry cloth. DO NOT place on uneven or unstable work surfaces.

Page 10: Conventions Used In This Guide

Where to find more information Refer to the following sources for additional information and for product and software updates. ASUS websites The ASUS website provides updated information on ASUS hardware and software products. Refer to the ASUS website www.asus.com. ASUS Local Technical Support Visit ASUS website at http://support.asus.com/contact for the contact information of local...

Page 11: Package Contents

Package contents Desktop PC Keyboard x 1 (optional) Mouse x 1 (optional) G20BM Power cord x 1 Power adapter x 1 Warranty Card x 1 2nd Power cord x 1 (on 2nd adapter x1 (on selected selected models only) models only) Installation Guide x 1 • If any of the above items is damaged or missing, contact your retailer.

Page 13: Chapter 1: Getting Started

All these values are encapsulated in a stunningly futuristic and stylish system casing. Read the ASUS Warranty Card before setting up your ASUS Desktop PC. Getting to know your computer Illustrations are for reference only. The ports, their locations and the chassis color vary with different models.

Page 14

Microphone port. This port connects to a microphone. Headphone port. This port connects to a headphone or speaker. LED Lighting Effect. Customizable via the lighting control in ASUS Command, this LED lighting effect shows through the pattern. Chapter 1: Getting started...

Page 15

Side Speaker Out port (gray). This port connects to the side speakers in an 7.1-channel audio configuration. Rear Speaker Out port (black). This port connects to the rear speakers in a 4, 5.1, and 7.1-channel audio configuration. Center/Subwoofer port (orange). This port connects to the center/subwoofer speakers. ASUS G20BM...

Page 16

Rear Speaker Out Gray Side Speaker Out ASUS Graphics Cards. The display output ports on these optional ASUS Graphics Cards may vary with different models. HDMI port. This port is for a High-Definition Multimedia Interface (HDMI) connector, and is HDCP compliant allowing playback of HD DVD, Blu-ray, and other protected content.

Page 17: Setting Up Your Computer

Connect your monitor to the graphic output port of the discrete graphic card. Plug the monitor to a power source. Connecting a USB keyboard and a USB mouse Connect a USB keyboard and a USB mouse to the USB ports on the rear panel of your computer. ASUS G20BM...

Page 18: Turning Your Computer On

Turning your computer ON This section describes how to turn on your computer after setting up your computer. Turning your computer ON To turn your computer ON: Turn your monitor ON. Press the power button on your computer. Power button Wait until the operating system loads automatically.

Page 19: Chapter 2: Connecting Devices To Your Computer

To connect a USB storage device: • Insert the USB storage device to your computer. Front panel Rear panel For details, refer to the section Removing a USB storage device in the Windows® 7 / Windows® 8.1 User Manual, which can be found in this manual. ASUS G20BM...

Page 20: Connecting Microphone And Speakers

Connecting microphone and speakers This desktop PC comes with microphone ports and speaker ports on both the front and rear panels. The audio I/O ports located on the rear panel

allow you to connect 2-channel, 4-channel, 5.1-channel, and 7.1-channel stereo speakers. Connecting Headphone and Mic Connecting 2-channel Speakers Chapter 2: Connecting devices to your computer...

Page 21 Connecting 4-channel Speakers Connecting 5.1-channel Speakers ASUS G20BM...

Page 22 Connecting 7.1-channel Speakers Chapter 2: Connecting devices to your computer...

Page 23: Connecting Multiple External Displays

POST. The dual display function works only under Windows. Turn on your computer. Configure the Screen Resolution settings. For details, refer to the section Configuring the Screen Resolution settings in the Windows® 7 / Windows® 8.1 User Manual, which can be found in this guide. ASUS G20BM...

Page 24: Connecting An Hdtv

Connecting an HDTV Connect a High Definition TV (HDTV) to the HDMI port of your computer. • You need an HDMI cable to connect the HDTV and the computer. The HDMI cable is purchased separately. • To get the best display performance, ensure that your HDMI cable is less than 15 meters. Chapter 2: Connecting devices to your computer...

Page 25: Chapter 3: Using Your Computer

• Adjust the back of your chair so that the base of your spine is firmly supported and angled slightly backward. • Sit upright with your knees, elbows and hips at an approximately 90º angle when you are at the PC. • Place the monitor directly in front of you, and turn the top of the monitor screen even with your eye level so that your eyes look slightly downward. • Keep the mouse close to the keyboard, and if necessary, use a wrist rest for support to reduce the pressure on your wrists while typing. • Use your Desktop PC in a comfortably-lit area, and keep it away from sources of glare such as windows and straight sunlight. • Take regular mini-breaks from using your Desktop PC. ASUS G20BM...

Page 26: Using The Optical Drive

Using the optical drive Inserting an optical disc To insert an optical disc: While your system is on, press the eject button to open the tray. Place the disc on the optical drive with the label side outward if the desktop is positioned vertically and the label side up if the desktop is positioned horizontally.

Page 27: Chapter 4: Connecting To The Internet

Refer to the documentation that came with your DSL/cable modem. Connect one end of an RJ-45 cable to the LAN (RJ-45) port on the rear panel of your computer and the other end to a DSL/cable modem. Modem RJ-45 cable ASUS G20BM...

Page 28 Turn on the DSL/cable modem and your computer. Configure the necessary Internet connection settings. • Contact your network administrator for details or assistance in setting up your Internet connection. • For details, refer to the section Configuring the Internet connection settings in the Windows® 7 / Windows® 8.1 User Manual, which can be found in this manual. Connecting via a local area network (LAN) To connect via a LAN: Connect one end of an RJ-45 cable to the LAN (RJ-45) port on the rear panel of your computer and the other end to your LAN.

Page 29: Wi-Fi Connection (On Selected Models Only)

To establish a wireless connection, you need to connect to a wireless access point (AP). Wireless AP Modem For details, refer to the section Configuring the Internet connection settings in the Windows® 7 / Windows® 8.1 User Manual, which can be found in this manual. ASUS G20BM...

Page 30 Chapter 4: Connecting to the Internet...

Page 31: Chapter 5: Troubleshooting

End Task. • If the keyboard is not responding, press and hold the Power button on the top of your chassis until the computer shuts down. Then press the Power button to turn it I cannot connect to a wireless network using the ASUS WLAN Card (on selected models only)? • Ensure that you enter the correct network security key for the wireless network you want to connect to.

Page 32 The arrow keys on the number key pad are not working. Check if the Number Lock LED is off. When the Number Lock LED is on, the keys on the number key pad are used to input numbers only. Press the Number Lock key to turn the LED off if you want to use the arrow keys on the number key pad.

Page 33 Personalization. From the Desktop Mode screen a) Launch the Desktop Mode from the Start screen. b) Right click anywhere on your Desktop Mode screen. When the pop-up menu appears, click Personalize > Display > Change display settings. ASUS G20BM...

Page 34 My speakers produce no sound. • Ensure that you connect your speakers to the Line out port (lime) on the front panel or the rear panel. • Check if your speak is connected to an electrical source and turned on. • Adjust your speakers' volume. • Ensure that your computer's system sounds are not Muted. • If it is muted, the volume icon is displayed as . To enable the system sounds, click from the Windows notification area, then click • If it is not muted, click and drag the slider to adjust the volume. •...

Page 35 • E nsure that the power cord is properly Your computer's power cord connected. is not properly connected. • U se other compatible power cord. PSU (Power supply unit) Contact the ASUS Service Center about problems installing another PSU on your computer. ASUS G20BM...

Page 36 Ensure the LAN LED is on. If not, try LAN cable problems another LAN cable. If it still does not work, contact the ASUS service center. Your computer is not Ensure that your computer is properly Cannot access the properly connected to a connected to a router or hub.

Page 37 Memory module problems The system often that you have installed, then try again. hangs or freezes. • C ontact the ASUS Service Center for assistance. There is not enough Move your computer to an area with air ventilation for your better air flow.

Page 38 • C ontact the ASUS Service Center for assistance. If the problem still persists, refer to your Desktop PC's warranty card and contact the ASUS Service Center. Visit the ASUS Support site at http://support.asus.com for the service center information. Chapter 5: Troubleshooting...

Page 39: Windows 8.1 User Manual

ASUS Desktop PC Windows 7 / Windows ® ® User Manual Appendix Windows 7 / Windows 8.1 User Manual ® ® E8623 First Edition August 2013 Copyright © ASUSTeK Computer Inc. All Rights Reserved...

Page 41: Using Windows 7

Select Use recommended settings or Install important updates only to set up the security settings for your computer. To skip this step, select Ask me later. Review your date and time settings. Click Next. The system loads the new settings and restarts. You may now start using your computer. ASUS Desktop PC...

Page 42: Using Windows ® 7 Desktop

Using Windows 7 desktop ® Click the Start icon > Help and Support to obtain more information about Windows ® Using the Start menu The Start menu gives you access to programs, utilities, and other useful items on your computer. It also provides you with more information about Windows 7 through its Help and Support feature.

Page 43 From the Start menu, right-click the program that you want to unpin, then select Remove from this list. Unpinning programs from the taskbar To unpin programs from the taskbar: From the taskbar, right-click the program that you want to remove from the taskbar, then select Unpin this program from taskbar. ASUS Desktop PC...

Page 44: Managing Your Files And Folders

Using the notification area By default, the notification area shows these three icons: Action Center notification Click this icon to display all the alert messages/notifications and launch the Windows Action ® Center. Network connection This icon displays the connection status and signal strength of the wired or wireless network connection.

Page 45 From the menu that appears, select Sort by, then select your preferred sorting type. Grouping your files To group your files: Launch Windows Explorer. Right-click anywhere on the View pane. From the menu that appears, select Group by, then select your preferred grouping type. ASUS Desktop PC...

Page 46: Restoring Your System Settings

Adding a new folder To add a new folder: Launch Windows Explorer. From the toolbar, click New folder. Key in a name for the new folder. You may also right-click anywhere on the View pane, click New > Folder. Backing up your files Setting up a backup To set up a backup: Click...

Page 47: Protecting Your Computer

From the Windows ® taskbar, click Select Manage another account. Select Create a new account. Key in the name of the new user. Select either Standard user or Administrator as the user type. When done, click Create Account. ASUS Desktop PC...

Page 48: Getting Windows Help And Support

Setting up a user's password To set up a user's password: Select the user that you would like to set a password. Select Create a password. Key in a password and confirm it. Key in your password's hint. When done, click Create password. Activating the anti-virus software Trend Micro Internet Security is pre-installed on your computer.

Page 49: Using Windows 8.1

Windows®8.1 functionalities. Windows 8.1 lock screen ® The Windows®8.1 lock screen may appear when your Desktop PC enters the Windows®8.1 operating system. To proceed, tap on the lock screen or press any key on your Desktop PC's keyboard. ASUS Desktop PC...

Page 50: Using The Windows Ui

Using the Windows ® The Windows ® User Interface (UI) is the tile-based display used in Windows ® 8.1. It includes the following features you can use while working on your Desktop PC. Start screen The Start screen appears after successfully signing in to your user account. It helps organize all the programs and applications you need in just one place.

Page 51 Onscreen hotspots allow you to launch programs and access the settings of your Desktop PC. The functions in these hotspots can be activated using your mouse. Hotspots on a running app Hotspots on the Start screen Refer to the next page for the Hotspots' functions. ASUS Desktop PC...

Page 52 Hotspot Action upper left corner Hover your mouse pointer then click on the recent app's thumbnail to go back to that app. Move your mouse pointer down to display all the running apps. From a running app screen: lower left corner Hover your mouse pointer on the lower left corner then to go back to the Start screen.

Page 53: Working With Windows Apps

Move your mouse pointer on the top side of the launched app then wait for the pointer to change to a hand icon. • Drag then drop the app to the bottom of the screen to close it. • From the running app's screen, press <Alt> + <F4>. ASUS Desktop PC...

Page 54 Accessing the All Apps screen From the All Apps screen, you can configure an apps settings or pin an app to the Start screen or to the Desktop mode taskbar. Launching the All Apps screen • On the Start screen, click • From the Start screen, press <Tab>, then press <Enter> on your keyboard. Pinning an app on the Start screen Launch the All Apps screen.

Page 55 When called out, the Charms bar initially appears as a set of white icons. The image above shows how the Charms bar looks like once activated. Use your Desktop PC's mouse or keyboard to launch the Charms bar. • Move your mouse pointer on the upper or lower right corner of the screen. • Press + <C>. ASUS Desktop PC...

Page 56 Inside the Charms bar Search This charm allows you to look for files, applications, or programs in your Desktop PC. Share This charm allows you to share applications via social networking sites or email. Start This charm reverts the display back to the Start screen. From the Start screen, you can also use this to revert back to a recently opened app.

Page 57 Once the pointer changes to a hand icon, drag and drop the app to the right or left side of the display panel. Using your keyboard • Launch an app then press + < . > + left or right key to place the first app on the left or right side of the display panel. ASUS Desktop PC...

Page 58: Other Keyboard Shortcuts

Other keyboard shortcuts Using your keyboard, you can also use the following shortcuts to help you launch applications and navigate Windows 8.1. ® Switches between the Start screen and the last running app. Launches the desktop. + <D> Launches the Computer window on the desktop. + <E>...

Page 59: Turning Your Desktop Pc Off

From the Charms bar, click Settings > Power > Shut down to do a normal shutdown. • From the login screen, click Power > Shutdown. • • If your Desktop PC is unresponsive, press and hold the power button for at least four (4) seconds until your Desktop PC turns off. Putting your Desktop PC to sleep To put your Desktop PC on Sleep mode, press the Power button once. ASUS Desktop PC...

Page 60: Entering The Bios Setup

Entering the BIOS Setup BIOS (Basic Input and Output System) stores system hardware settings that are needed for system startup in the Desktop PC. In normal circumstances, the default BIOS settings apply to most conditions to ensure optimal performance. Do not change the default BIOS settings except in the following circumstances: •...

Page 61: Other Windows 7 / Windows 8.1 Functions

From the Start screen, click Desktop to launch the Desktop Mode. from the taskbar, then click Eject [Name of USB Drive]. Click When the Safe to Remove Hardware message pops up, remove the USB storage device from your computer. DO NOT remove a USB storage device when data transfer is in progress. Doing so may cause data loss or damage the USB storage device. ASUS Desktop PC...

Page 62: Configuring The Screen Resolution Settings

Configuring the screen resolution settings Windows ® To configure the screen resolution settings on Windows ® Do any of the following to open the Screen Resolution setting screen: > Control Panel > Appearance and Personalization > Display > Change • C lick display settings.

Page 63: Configuring The Internet Connection Settings

Configuring the Internet connection settings Wired connection Windows ® Configuring a dynamic IP/PPPoE network connection To configure a dynamic IP/PPPoE network connection: Go to Start > Control Panel > Network and Sharing Center. From the Network and Sharing Center screen, click Change Adapter settings. Right-click on your LAN and select Properties. ASUS Desktop PC...

Page 64 Select Internet Protocol Version 4 (TCP/IPv4), then click Properties. Select Obtain an IP address automatically if you want the IP settings to be assigned automatically. Otherwise, select Use the following IP address: and key in IP address and Subnet mask. Select Obtain DNS server address automatically if you want the DNS server settings to be assigned...

Page 65 Connection name. Click Connect. Click Close to finish the configuration. Click the network icon in the taskbar and click the connection you just created. Enter your user name and password. Click Connect to connect to the Internet. ASUS Desktop PC...

Page 66 Configuring a static IP network connection To configure a static IP network connection : Repeat steps 1 to 4 of the previous section. Click Use the following IP address. Enter the IP address, Subnet mask and Gateway from your service provider. If needed, enter the preferred DNS Server address and alternative address.

Page 67 Sharing Center. From the Open Network and Sharing Center screen, click Change Adapter settings. Right-click on your LAN and select Properties. Click Internet Protocol Version 4(TCP/ IPv4) and click Properties. Click Obtain an IP address automatically and click OK. Continue to the next steps if you are using PPPoE connection. ASUS Desktop PC...

Page 68 Return to the Network and Sharing Center and then click Set up a new connection or

network. Select Connect to the Internet and click Next. Select Broadband (PPPoE) and click Next. Chapter 2: Using Windows 7 / Windows 8.1 functions ®...

Page 69 To configure a static IP network connection: Repeat steps 1 to 4 of the previous section. Click Use the following IP address. Enter the IP address, Subnet mask and Gateway from your service provider. If needed, enter the preferred DNS Server address and alternative address. When done, click OK. ASUS Desktop PC...

Page 70 Wireless connection Connecting to a Wi-Fi network Windows ® To connect to a Wi-Fi network: Click the network icon in the notification area to display the available wireless networks. Select the wireless network that you want to connect to, then click Connect. You may need to key in the network security key for a secured wireless network, then click Wait while your computer is connecting to the wireless network.

Page 71 From the Charms bar, select Settings and click the network icon Select the network that you want to connect to from the list. Click Connect. ASUS Desktop PC...

Page 72: Recovering Your System

DO NOT delete the system recovery partition, which is the partition without volume label on Disk 0. The system recovery partition is created at the factory and cannot be restored if deleted. Take your Desktop PC to an authorized ASUS service center if you have problems with the recovery process. Using the system recovery partition: Press <F9>...

Page 73 8.1. In case your operating system fails, use the bundled recovery DVD to ® reinstall your system. • Ensure that all data are backed up before doing a full recovery of your operating system to avoid losing important files. Download the multi-language versions of this notice from the ASUS Support site at http://support.asus.com ASUS Desktop PC...

Page 74 To reset your PC by using Recovery DVD: • Back up all your data before using this option. • Disconnect all external hard disk drives before performing system recovery on your Desktop PC to avoid restoring Windows on the wrong partition or drive. Press <F8> during bootup. Insert the Recovery DVD into the optical drive. On the End-User License Agreement (EULA) screen, click Accept.

Page 75 Next. Select the USB storage device where you want to copy the recovery files. Click Next. Click Create. Wait for a while for the process to complete. When the process is completed, click Finish. ASUS Desktop PC...

Page 76 Removing everything and reinstalling Windows Restoring your PC to its original factory settings can be done using the Remove everything and reinstall option s in PC Settings. Refer to the steps below to use this option. Back up all your data before using this option. This process may take a while to complete.

Page 77: Asus Contact Information

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