ASUS VivoPC

Asus VivoPC VC62B User Manual

Barebone

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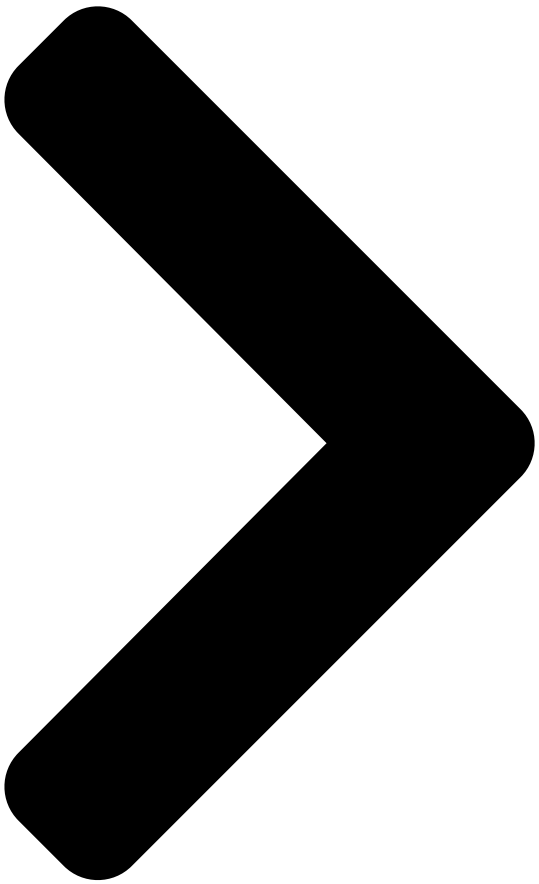

VivoPC

Barebone

User Manual

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Related Manuals for Asus VivoPC VC62B

Mini pc Asus VivoMini UN65 User Manual

Vivomini un65 series (76 pages)

Mini pc Asus EBox1007P User Manual

(170 pages)

Summary of Contents for Asus VivoPC VC62B

Page 1 VivoPC Barebone User Manual...

Page 2 ASUS will only be responsible for or indemnify you for loss, damages or claims based in contract, tort or infringement under this Warranty Statement. This limit also applies to ASUS' suppliers and its reseller. It is the maximum for which ASUS, its suppliers, and your reseller are collectively responsible.

Page 3: Table Of Contents

Installing system components Installing memory modules .....22 Installing storage devices .....27 Installing 2.5-inch HDDs/SSDs .....27 Installing a 3.5-inch HDD .....34 Appendix Safety information .....40 Setting up your system.....40 Care during use .....40 Regulatory notices .....42 ASUS contact information .....48 VivoPC Barebone...

Page 4: About This Manual

About this manual This manual provides information about the hardware and software features of your PC, organized through the following chapters: Chapter 1: Getting to know your VivoPC This chapter details the hardware components of your VivoPC. Chapter 2: Using your VivoPC This chapter provides you with information on using your VivoPC.

Page 5: Package Contents

• The availability and quantity of these items vary with your VivoPC package. • If the device or any of its components fail or malfunction during normal or proper use and it is still within the warranty period, bring the device and the warranty card to you nearest ASUS Service Center. VivoPC Barebone...

Page 6 VivoPC Barebone...

Page 7: Getting To Know Your Vivopc

Getting to know your VivoPC...

Page 8: Features

Features Front panel Top cover The removable top cover allows you access to the storage devices and the memory modules. IMPORTANT! Before removing the top cover, turn off your VivoPC and disconnect the power cable and other peripherals. Audio speakers Your VivoPC uses SonicMaster technology to provide hi-fi sound quality, with richer bass sounds, straight from the built-in audio speakers.

Page 9: Left Side

Left side Air vents The air vents on the left side allow cooler air to enter your VivoPC chassis. IMPORTANT! For optimum heat dissipation and air ventilation, ensure that the air vents are free from obstructions. VivoPC Barebone...

Page 10: Rear Panel

Rear panel Power button The power button allows you to turn the VivoPC on or off. You can also press the power button once to put your VivoPC to sleep mode. Memory card slot The built-in memory card reader enables your VivoPC to read and write data to and from MMC/SD cards.

Page 11 DisplayPort port Use this port to connect your VivoPC to a DisplayPort or VGA, DVI, or HDMI external display. LAN port The 8-pin RJ-45 LAN port supports a standard Ethernet cable for connection to a local network. Headphone/Audio Out jack The stereo headphone jack is used to connect the system's audio out signal to amplified speakers or headphones.

Page 12 Rear air vents The air vents on the rear allow warm air to exit the VivoPC. IMPORTANT! For optimum heat dissipation and air ventilation, keep the air vents at least 10 cm away from any obstructions. Power input (DC 19V) The supplied power adapter converts AC power to DC power for use with this jack.

Page 13: Using Your Vivopc

Using your VivoPC...

Page 14: Getting Started

Getting started Connecting the AC power adapter To connect the AC power adapter to your VivoPC: A. Connect the AC power cord to the AC/DC adapter. Plug the AC power cord into a 100 V~240 V power source. Connect the DC power connector into your VivoPC's power (DC) input port.

Page 15 IMPORTANT! • We strongly recommend that you use only the AC power adapter and cable that came with your VivoPC. • We strongly recommend that you use a grounded wall socket while using your VivoPC. • The socket outlet must be easily accessible and near your VivoPC. • To disconnect your VivoPC from its main power supply, unplug your VivoPC from the power socket. NOTE: Power adapter information: • Input voltage: 100 Vac - 240 Vac • Input frequency: 50 Hz - 60 Hz • Rating output current: 3.42 A (65 W) or 4.74 A (90 W) (varies per model) • Rating output voltage: 19 V VivoPC Barebone...

Page 16: Connecting A Display Panel

Connecting a display panel You can connect a display panel or projector to your VivoPC that has the following connectors: • HDMI connector • DisplayPort connector • VGA connector (use with a DisplayPort to VGA adapter or HDMI to VGA adapter) • DVI connector (use with an HDMI to DVI adapter) NOTE: The HDMI to DVI adapter, DisplayPort to VGA adapter, or HDMI to VGA adapter are each sold separately.

Page 17: Connecting Usb Keyboard Or Mouse

Connecting USB keyboard or mouse You can connect generally any USB keyboard and mouse to your VivoPC. You can also connect a USB dongle for a wireless keyboard and mouse set. To connect a keyboard and mouse to your VivoPC: Connect the USB cable from your keyboard and mouse to any of the USB 2.0 ports of your VivoPC.

Page 18: Turning On Your Vivopc

Turning on your VivoPC Press the power button to turn on your VivoPC. VivoPC Barebone...

Page 19: Turning Off Your Vivopc

Turning off your VivoPC If your VivoPC is unresponsive, press and hold the power button for at least four (4) seconds until your VivoPC turns off. Putting your VivoPC to sleep To put your VivoPC on Sleep mode, press the Power button once. Entering the BIOS Setup BIOS (Basic Input and Output System) stores system hardware settings that are needed for system startup in the VivoPC.

Page 20: Quickly Enter The Bios

Quickly enter the BIOS To quickly enter the BIOS: • Press the power button for at least four (4) seconds to shut down your VivoPC, then press the power button again to turn your VivoPC back on, then press <F2> or <Del> during POST. • When your VivoPC is off, disconnect the power cord from your VivoPC's power connector. Reconnect the power cable and press the power

button to turn on your VivoPC. Press <F2> or <Del> during POST.

Page 21: Installing System Components

Installing system components...

Page 22: Installing Memory Modules

1.35V DDR3 204-pin SO-DIMMs for a maximum of 16 GB memory. IMPORTANT! You can only install 1.35V DDR3 SO-DIMM to the VivoPC's DIMM slots. NOTE: Refer to http://www.asus.com for the list of compatible DIMMs. To install or upgrade the memory modules: Turn off your VivoPC.

Page 23 Slide the top cover towards the rear of VivoPC until it is detached from the chassis. Remove the cover and set it aside. 7. Carefully slide the DualBay adapter from the SATA connector, then remove it from the drive bay. NOTE: • The VivoPC barebone is shipped with an empty DualBay adapter by default. If you wish to replace the DualBay adapter with a 3.5- inch HDD, refer to the section Installing a 3.5-inch HDD for more information.

Page 24 Memory Prepare the memory module. 9. Release the screw that secures the SO-DIMM slot cover (A) then pry the slot cover open (B). Memory Serial ATA connector SO-DIMM slot cover Drive bay 10. Align and insert the memory module into the slot (A) and press it down (B) until it is securely seated in place. Repeat the same steps to install the other memory module.

Page 25 11. Replace the SO-DIMM slot cover (A) and secure it with the screw (B) you removed earlier. 12. Replace the Vivo DualBay adapter into the drive bay then slide it towards the SATA connector. SATA connector VivoPC Barebone...

Page 26 13. Replace the top cover then slide it towards the front of VivoPC to re-attach. 14. Lock the latch to securely fasten the top cover to the chassis. VivoPC Barebone...

Page 27: Installing Storage Devices

Installing storage devices You can install two 2.5-inch HDDs or SSDs (via the Vivo DualBay adapter) or one 3.5-inch HDD as storage device for your VivoPC barebone. NOTE: The Vivo DualBay adapter in this manual is for reference only. Installing 2.5-inch HDDs/SSDs IMPORTANT: Ensure to turn off your VivoPC and disconnect all cables and peripherals before installing any device or components.

Page 28 Remove the cover and set it aside. Carefully slide the Vivo DualBay adapter away from the SATA connector then remove it from the drive bay. Vivo DualBay adapter VivoPC Place the Vivo DualBay adapter on a flat and stable surface. 7. Release the screws on the rear of the Vivo DualBay adapter and set it aside.

Page 29 Slide the top cover of the Vivo DualBay adapter towards the rear, then remove the top cover and set it aside. 9. Prepare a 2.5-inch HDD/SSD and the bundled set of screws. 10. Align the SATA connector of the 2.5-inch HDD/SSD to the SATA connector on the lower part of the Vivo DualBay adapter, then slide the 2.5-inch HDD/SSD into the adapter's SATA connector as shown.

Page 30 11. Locate the screw slots at the bottom of the Vivo DualBay adapter, then secure the 2.5-inch HDD/SSD to the adapter using the bundled set of screws. 12. Get the top cover of the Vivo DualBay adapter and place it upside down on a flat and stable surface.

Page 31 14. Secure the 2.5-inch HDD/SSD to the top cover using the set of bundled screws. 15. Place the top cover and HDD/SSD assembly into the Vivo DualBay adapter, then slide it towards the SATA connector. NOTE: Ensure that the SATA connector of the HDD/SSD on the top cover matches the SATA connector on the Vivo DualBay adapter, and that the screw holes at the rear of the top cover matches the screw holes on the adapter as shown.

Page 32 16. Secure the top cover and 2.5-inch HDD/SSD assembly to the Vivo DualBay adapter using the screws that you removed earlier in step 7. 17. Place the Vivo DualBay adapter assembly into the VivoPC's drive bay, then slide it towards the SATA connector to secure it in place. VivoPC Barebone...

Page 33 18. Replace the top cover, then slide it towards the front of the VivoPC to re-attach. 19. Lock the latch to securely fasten the top cover to the chassis. 20. Reconnect all cables and peripherals. 21. Turn on your VivoPC. VivoPC Barebone...

Page 34: Installing A 3.5-Inch Hdd

Installing a 3.5-inch HDD To install a 3.5-inch HDD: Place the VivoPC on a flat and stable surface. Press down the latch at the rear panel to release the top cover of the VivoPC. Slide the top cover towards the rear of VivoPC until it is detached from the chassis.

Page 35 Disconnect the Vivo DualBay adapter from the SATA connector then remove it from the drive bay. Vivo DualBay adapter VivoPC Remove the four black screws with rubber heads from the Vivo DualBay adapter then set it aside. NOTE: Use an appropriate tool such as a screw driver when performing this step.

Page 36 Attach each of the four black screws with rubber head assembly into the screw holes of the HDD as shown. Black screw Rubber head 9. Position the Serial ATA HDD on top of the drive bay to an orientation where the HDD's SATA connectors are aligned to the SATA connector in the VivoPC drive bay. 10.

Page 37 12. Ensure that the Serial ATA HDD is securely seated in place and the SATA connectors are connected properly. 13. Replace the top cover then slide it towards the front of VivoPC to re-attach. VivoPC Barebone...

Page 38 15. Lock the latch to securely fasten the top cover to the chassis. VivoPC Barebone...

Page 39: Appendix

Appendix...

Page 40: Safety Information

Safety information Your VivoPC is designed and tested to meet the latest standards of safety for information technology equipment. However, to ensure your safety, it is important that you read the following safety instructions. Setting up your system • Read and follow all instructions in the documentation before you operate your system. • Do not use this product near water or a heated source. • Set up the system on a stable surface. • Openings on the chassis are for ventilation. Do not block or cover these openings.

Page 41 Lithium-Ion Battery Warning CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions. NO DISASSEMBLY The warranty does not apply to the products that have been disassembled by users DO NOT throw the VivoPC in municipal waste.

Page 42: Regulatory Notices

REACH Complying with the REACH (Registration, Evaluation, Authorization, and Restriction of Chemicals) regulatory framework, we publish the chemical substances in our products at ASUS REACH website at http://csr.asus.com/english/REACH.htm ASUS Recycling/Takeback Services ASUS recycling and takeback programs come from our commitment to the highest standards for protecting our environment.

Page 43 the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: • Reorient or relocate the receiving antenna. • Increase the separation between the equipment and receiver. • Connect the equipment to an outlet on a circuit different from that to which the receiver is connected. • Consult the dealer or an experienced radio/TV technician for help. CAUTION: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

Page 44 France Restricted Wireless Frequency Bands Some areas of France have a restricted frequency band. The worst case maximum authorized power indoors are: • 10mW for the entire 2.4 GHz band (2400 MHz–2483.5 MHz) • 100mW for frequencies between 2446.5 MHz and 2483.5 MHz NOTE: Channels 10 through 13 inclusive operate in the band 2446.6 MHz to 2483.5 MHz. There are few possibilities for outdoor use: On private property or on the private property of public persons, use is subject to a preliminary authorization procedure by the Ministry of

Defense, with maximum authorized power of 100mW in the 2446.5–2483.5 MHz band.

Page 45 This requirement is likely to change over time, allowing you to use your wireless LAN card in more areas within France. Please check with ART for the latest information (www.art-telecom.fr) NOTE: Your WLAN Card transmits less than 100mW, but more than 10mW. Canadian Department of Communications Statement This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Page 46 CE Mark Warning CE marking for devices without wireless LAN/Bluetooth The shipped version of this device complies with the requirements of the EMC directives 2004/108/EC (replaced in April 2016 by 2014/30/EU) “Electromagnetic compatibility” and 2006/95/EC (replaced in April 2016 by 2014/35/EU) “Low voltage directive”. CE marking for devices with wireless LAN/ Bluetooth This equipment complies with the requirements of Directive 1999/5/EC (replaced in 2017 by RED 2014/53/EU) of the European Parliament and Commission from 9 March, 1999 governing Radio and Telecommunications Equipment and mutual recognition of...

Page 47 Department of Energy helping us all save money and protect the environment through energy efficient products and practices. 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 48: Asus Contact Information

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Page 50 DECLARATION OF CONFORMITY Per FCC Part 2 Section 2. 1077(a) Asus Computer International Responsible Party Name: , CA 94539. Address: 800 Corporate Way, Fremont Phone/Fax No: (510)739-3777/(510)608-4555 hereby declares that the product Product Name : VivoPC Model Number : VC62B...