



# Asus M70AD User Manual

Desktop pc



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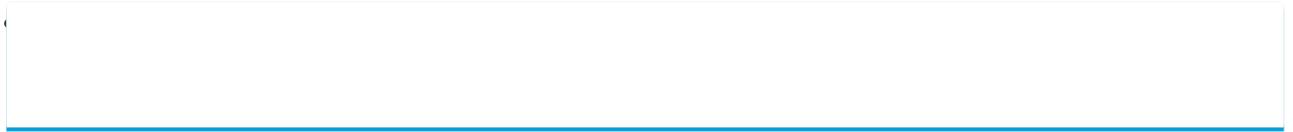
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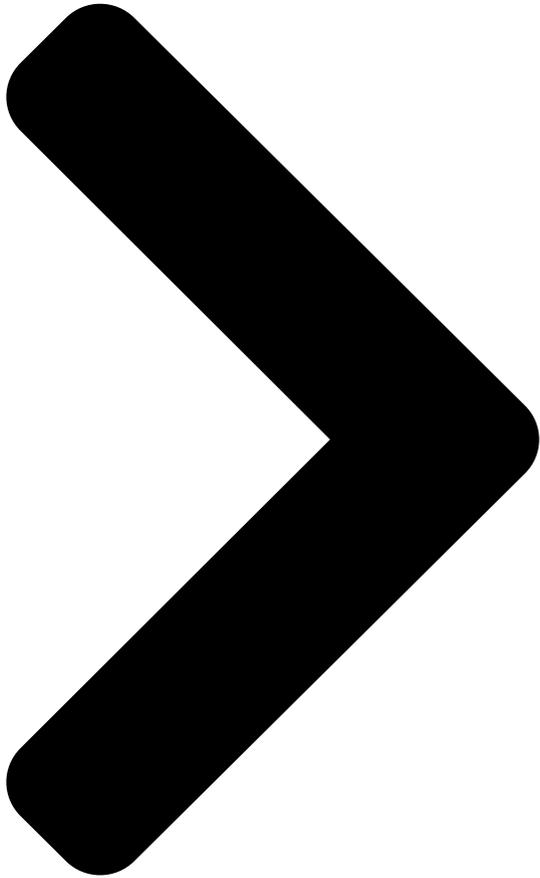
[3 Getting to Know Your Computer](#)

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ASUS Desktop PC

M70AD

User Manual

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## Related Manuals for Asus M70AD

[Desktop Asus D700SA User Manual](#)

(70 pages)

[Desktop Asus D500SA User Manual](#)

(70 pages)

[Desktop Asus S500SAES User Manual](#)

(63 pages)

[Desktop Asus D700MD User Manual](#)

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[Desktop Asus D700SD User Manual](#)

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[Desktop Asus M32CD User Manual](#)

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## Summary of Contents for Asus M70AD

### [Page 1: Asus Desktop Pc](#)

ASUS Desktop PC M70AD User Manual...

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

### [Page 3: Table Of Contents](#)

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## [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.

## [Page 6: Canadian Department Of Communications Statement](#)

IC: Canadian Compliance Statement Complies with the Canadian ICES-003 Class B specifications. This device complies with RSS 10 of Industry Canada. This Class B device meets all the requirements of the Canadian interference-causing equipment regulations. This device complies with Industry Canada license exempt RSS standard(s). Operation is subject to the following two conditions: this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

[Page 7](#) RF Equipment Notices CE: European Community Compliance Statement The equipment complies with the RF Exposure Requirement 1999/519/EC, Council Recommendation of 1 July 1999 on the limitation of exposure of the general public to electromagnetic fields (0-300 GHz). This wireless device complies with the R&TTE Directive. Wireless Radio Use This device is restricted to indoor use when operating in the 5.15 to 5.25 GHz frequency band.

## [Page 8: 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 9: Conventions Used In This Guide](#)

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](http://www.asus.com). ASUS Local Technical Support Visit ASUS website at <http://support.asus.com/contact> for the contact information of local Technical Support Engineer.

## [Page 10: Package Contents](#)

Package contents ASUS Desktop PC Keyboard x1 Mouse x1 Power cord x1 DVD/SDVD/RDVD x1 (optional) Installation Guide x1 Warranty card x1 • If any of the above items are damaged or missing, contact your retailer. • The illustrated items above are for reference only. Actual product specifications may vary...

## [Page 11: 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 and their locations, and the chassis color vary with different models.

[Page 12](#) Memory Stick Pro™ card into this slot. Headphone port. This port connects to a headphone or speaker. Supported by ASUS Audio Wizard. Microphone port. This port connects to a microphone. USB 2.0 ports. These Universal Serial Bus 2.0 (USB 2.0) ports connect to USB 2.0 devices such as a mouse, printer, scanner, camera, PDA, and others.

## [Page 13: Rear Panel](#)

HDCP compliant allowing playback of HD DVD, Blu-ray, and other protected content. DVI-D port.

This port is for any DVI-D compatible device and is HDCP compliant allowing playback of HD DVD, Blu-ray, and other protected content. ASUS M70AD...

[Page 14](#) Side Speaker Out port (gray). This port connects to the side speakers in an 8-channel audio configuration. Rear Speaker Out port (black). This port connects to the rear speakers in a 4, 6, and 8-channel audio configuration. Center/Subwoofer port (orange). This port connects to the center/subwoofer speakers.

[Page 15](#) Air vents. These vents allow air ventilation. DO NOT block the air vents on the chassis. Always provide proper ventilation for your computer. PS/2 Keyboard / Mouse Combo port. This port is for a PS/2 keyboard or mouse ASUS M70AD...

## [Page 16: Setting Up Your Computer](#)

HDMI monitor to the HDMI port on the rear panel of your computer. Plug the monitor to a power source. • If your computer comes with an ASUS Graphics Card, the graphics card is set as the primary display device in the BIOS. Hence, connect your monitor to a display output port on the graphics card.

## [Page 17: Connecting The Power Cord](#)

Connect your USB keyboard and USB mouse to the USB 3.0 ports. Connecting the power cord Connect one end of the power cord to the power connector on the rear panel of your computer and the other end to a power source. ASUS M70AD...

## [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 on the power switch. Turn your monitor ON. Press the power button on your computer. Power button Wait until the operating system loads automatically.

## [Page 19: Chapter 2: Using Windows](#)

Once you are done configuring the basic items, the Windows 8 video tutorial appears. ® Watch this tutorial to learn more about Windows 8 functionalities. ® For details on using Windows 8, refer to the next sections. ® ASUS M70AD...

## [Page 20: Start Screen](#)

Using the Windows ® The Windows User Interface (UI) is the tile-based display used in Windows 8. 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 21](#) 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 M70AD...

[Page 22](#) 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 then click on the Start screen's thumbnail to go back to the Start screen.

## [Page 23: Working With Windows ® Apps](#)

Drag then drop the app to the bottom of the screen to close it. Drag then drop the app to the bottom of the screen to close it. • From the running app's screen, press <Alt> ⌘ <F4>. From the running app's screen, press <Alt> ⌘ <F4>. ASUS M70AD...

[Page 24](#) 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 Right-click on the Start screen or press ⌘...

## [Page 25: Charms Bar](#)

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 **Windows** <C>. **Windows** <C>. >. ASUS M70AD...

[Page 26](#) Inside the Charms bar Search This tool allows you to look for files, applications, or programs in your Desktop PC. Share This tool allows you to share applications via social networking sites or email. Start This tool 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 27: Snap Feature](#)

**Windows** < . > to activate the Snap bar. The first app would • Launch an app then press automatically be placed in the smaller display area. Launch another app. This second app will automatically appear in the bigger display area. To switch between apps, press **Windows** <J>. ASUS M70AD...

### [Page 28: Other Keyboard Shortcuts](#)

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

### [Page 29: Turning Your Desktop Pc Off](#)

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 M70AD...

### [Page 30: 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 31: Chapter 3: Using Windows](#)

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 M70AD...

[Page 32](#) Using the Windows ® The Windows User Interface (UI) is the tile-based display used in Windows 8. 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 33](#) 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 M70AD...

[Page 34](#) 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 then click on the Start screen's thumbnail to go back to the Start screen.

### [Page 35: Working With Windows ® Apps](#)

Drag then drop the app to the bottom of the screen to close it. Drag then drop the app to the bottom of the screen to close it. • From the running app's screen, press <Alt> **Windows** <F4>. From the running app's screen, press <Alt> **Windows** <F4>. ASUS M70AD...

[Page 36](#) 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 •...

[Page 37](#) 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 **Windows** <C>. **Windows** <C>. >. ASUS M70AD...

[Page 38](#) 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 39](#) Using your keyboard **Windows** < . > + left or right key to place the first app on • Launch an app then press the left or right side of the display panel. ASUS M70AD...

### [Page 40: Other Keyboard Shortcuts](#)

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

### [Page 41: Turning Your Desktop Pc Off](#)

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 M70AD...

### [Page 42: 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 43: Chapter 4: Connecting Devices To Your Computer](#)

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 M70AD...

[Page 44](#) Connecting Headphone and Mic Connecting 2.1-channel Speakers Chapter 4: Connecting devices to your computer...

[Page 45](#) Connecting 4.1-channel Speakers Connecting 5.1-channel Speakers ASUS M70AD...

[Page 46](#) Connecting 7.1-channel Speakers Chapter 4: Connecting devices to your computer...

### [Page 47: Connecting Multiple External Displays](#)

Refer to Setting up your computer section in Chapter 1 for details on how to connect a monitor to your computer. For some graphic cards, only the monitor that is set to be the primary display has display during POST. The dual display function works only under Windows. ASUS M70AD...

[Page 48](#) Turn on your computer. Do any of the following to open the Screen Resolution setting screen: From the Start screen a) Launch the All Apps screen and pin Control Panel on the Start screen. For details, refer to Pinning an app on the Start screen from the section Working with Windows apps.

### [Page 49: 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. ASUS M70AD...

[Page 50](#) Chapter 4: Connecting devices to your computer...

### [Page 51: Chapter 5: Using Your Computer](#)

• 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

M70AD...

### [Page 52: Using The Memory Card Reader](#)

Using the memory card reader Digital cameras and other digital imaging devices use memory cards to store digital picture or media files. The built-in memory card reader on the front panel of your system allows you to read from and write to different memory card drives. To use the memory card: Insert the memory card into the card slot.

### [Page 53: Using The Optical Drive](#)

Hover your mouse pointer over the lower left corner of Windows desktop then right-click ® on the Start screen's thumbnail. From the popup menu, click File Explorer to open the Computer screen. Remove the disc from the disc tray. ASUS M70AD...

### [Page 54](#) Chapter 5: Using your computer...

### [Page 55: Chapter 6: Connecting To The Internet](#)

Configuring a static IP network connection. • Contact your Internet Service Provider (ISP) for details or assistance in setting up your Contact your Internet Service Provider (ISP) for details or assistance in setting up your Internet connection. ASUS M70AD...

### [Page 56: Connecting Via A Local Area Network \(Lan\)](#)

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. RJ-45 cable Turn on your computer.

[Page 57](#) From the Windows taskbar, right-click the network icon ® and 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. ASUS M70AD...

[Page 58](#) Click Obtain an IP address automatically and click OK. Continue to the next steps if you are using PPPoE connection. 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.

[Page 59](#) Repeat steps 1 to 4 of the previous section Configuring a dynamic IP/PPPoE network connection. 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 M70AD...

### [Page 60](#) Chapter 6: Connecting to the Internet...

### [Page 61: Chapter 7: Using The Utilities](#)

® ASUS AI Suite II ASUS AI Suite II is an all-in-one interface that integrates several ASUS utilities and allows users to launch and operate these utilities simultaneously. This utility is pre-installed on some models. For models without an operating system, follow the steps below to install this utility.

### [Page 62: The Tool Menu](#)

The Tool menu The Tool menu includes the EPU, Probe II, and Sensor Recorder panels. Launching and configuring EPU EPU is an energy-efficient tool that provides you with a total power-saving solution. It detects the current loading and intelligently adjusts the power usage in real-time. When you select the Auto mode, the system changes modes automatically according to the current system status.

[Page 63](#) The Preference tab allows you to customize the time interval of sensor alerts, or • change the temperature unit. Saves your configuration Loads your saved configuration Applies your changes Loads the default threshold values for each sensor ASUS M70AD...

[Page 64](#) Launching and configuring Sensor Recorder Sensor Recorder allows you to monitor the changes in the system voltage, temperature, and fan speed, as well as recording the changes. To launch Sensor Recorder: Click Tool > Sensor Recorder on the AI Suite II main menu

bar. •...

## [Page 65: Asus Update](#)

The Update menu allows you to update the motherboard BIOS and the BIOS boot logo with the ASUS designed update utilities. ASUS Update The ASUS Update is a utility that allows you to manage, save, and update the motherboard BIOS in Windows OS. The ASUS Update utility allows you to update the BIOS directly ®...

## [Page 66: The System Information Screen](#)

Updating the BIOS through a BIOS file To update the BIOS through a BIOS file: From the ASUS Update screen, select Update BIOS from file, then click Next. Locate the BIOS file from the Open window, click Open, and click Next.

## [Page 67: Asus Smart Cooling System \(Optional\)](#)

ASUS Smart Cooling System (optional) ASUS Smart Cooling System is an optional feature on selected models and may be purchased separately. Configuring the UEFI BIOS models ASUS Smart Cooling System maintains the internal system components through its air circulation after each system boot up. Follow these steps to configure this feature: Enter the BIOS Setup program.

[Page 68](#) From the Monitor menu, select Clean Level and press <Enter> to display its configuration options. Select your preferred option from Clean Level's four configuration options: • Disable: Disables the fan system and the fan operates under the Q-Fan settings. • Silent: 40% of the fan's performance (poor performance but low noise) •...

## [Page 69: Recovering Your System](#)

To create a USB recovery drive: Launch the Control Panel from the All Apps screen. For details, refer to Launching the All Apps screen under Working with Windows apps. ® From the Control Panel's System and Security, click Find and fix problems. ASUS M70AD...

[Page 70](#) Click Recovery > Create a recovery drive. Click Copy the recovery partition from the PC to the recovery drive and then click 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.

## [Page 71: Removing Everything And Reinstalling Windows](#)

Launch the Charm bar. Click Settings > Change PC Settings > General. Scroll down to view the Remove everything and reinstall Windows option. Under this option, click Get Started. Follow the onscreen instructions to complete the reinstallation and reset process. ASUS M70AD...

[Page 72](#) Chapter 7: Using the utilities...

## [Page 73: Chapter 8: Troubleshooting](#)

• Connect the external antennas (optional) to the antenna connectors on the ASUS WLAN Card and place the antennas on the top of your computer chassis for the best wireless performance. The arrow keys on the number key pad are not working.

[Page 74](#) No display on the monitor. • Check if the monitor is powered on. • Ensure that your monitor is properly connected to the video output port on your computer. • If your computer comes with a discrete graphics card, ensure that you connect your monitor to a video output port on the discrete graphics card.

[Page 75](#) Windows taskbar, then move the slider to adjust the volume. • If it is not muted, click and drag the slider to adjust the volume. • Connect your speakers to another computer to test if the speakers are working properly. ASUS M70AD...

[Page 76](#) Your computer's power properly connected. cord is not properly connected. • Use other compatible power cord. Use other compatible power cord. Contact the ASUS Service Center PSU (Power supply unit) about installing another PSU on your problems computer. Display Problem...

[Page 77](#) Ensure the LAN LED is on. If not, try another LAN cable. If it still does LAN cable

problems not work, contact the ASUS service center. Your computer is not Ensure that your computer is properly Cannot access properly connected to a connected to a router or hub.

[Page 78](#) • Reinstall the operating system. Reinstall the operating system. • Send the damaged hard disk end the damaged hard disk Hard disk drive failure drive to ASUS Service Center for servicing. • Replace with compatible memory Replace with compatible memory modules.

[Page 79](#) • Contact 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.

### [Page 80: Asus Contact Information](#)

☎☎1-510-739-3777 ☎☎1-510-608-4555 Web site [usa.asus.com](http://usa.asus.com) Technical Support Telephone  
☎☎1-81☎-☎8☎-☎787 Support fax ☎☎1-81☎-☎84-0883 Online support [support.asus.com](http://support.asus.com) ASUS  
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