

ASUS K31CD-DS71

ASUS K31CD-DS71 VivoPC Desktop User Manual

Your guide to setting up, operating, and maintaining your desktop computer.

1. INTRODUCTION

The ASUS K31CD-DS71 VivoPC Desktop is a powerful and versatile computer designed for various computing needs. This manual provides essential information to help you get started, operate, and maintain your system effectively.

This desktop features an Intel Core i7 3.6GHz Processor, 16GB DDR4 Memory, and a 2TB 7200RPM HDD, running on Windows 10 Home. It offers extensive connectivity options for peripherals and network access.

2. WHAT'S IN THE BOX

Before proceeding with the setup, please ensure all the following items are present in your package:

- ASUS K31CD-DS71 VivoPC Desktop Unit
- USB Keyboard
- USB Mouse
- Power Cord
- Quick Manual
- Warranty Card

3. SETUP GUIDE

3.1 Connecting Peripherals

Follow these steps to connect your essential peripherals:

1. **Connect the Monitor:** Connect your monitor to the desktop using an HDMI or VGA cable. Ensure the

cable is securely fastened at both ends.

2. **Connect Keyboard and Mouse:** Plug the USB keyboard and USB mouse into any available USB ports on the rear or front of the desktop.
3. **Connect to Network (Optional):** For a wired internet connection, connect an Ethernet cable from your router or modem to the RJ45 LAN port on the rear of the desktop. For wireless connectivity, ensure your Wi-Fi network is available during initial setup.
4. **Connect Power:** Plug the power cord into the power input on the rear of the desktop, then plug the other end into a grounded electrical outlet.



Figure 3.1: ASUS K31CD-DS71 VivoPC Desktop connected to a monitor.

3.2 Initial Power On and Windows Setup

After connecting all peripherals:

1. **Power On:** Press the power button located on the front of the desktop. The system will boot up.
2. **Windows 10 Home Setup:** Follow the on-screen instructions to complete the initial Windows 10 Home setup. This includes selecting your region, language, accepting terms, and creating a user account.
3. **Driver Installation:** The system comes with pre-installed drivers. Windows Update will automatically download and install any necessary updates or additional drivers after connecting to the internet.

4. OPERATING INSTRUCTIONS

4.1 Front Panel Features

The front panel provides convenient access to frequently used ports and the optical drive.



Figure 4.1: Front panel of the desktop.

- **Optical Drive (DVD-ROM):** Insert CDs or DVDs for data access or media playback.
- **Card Reader (6-in-1):** For reading various memory card formats.
- **Headphone Jack:** Connect headphones for private audio.
- **Microphone Jack:** Connect a microphone for audio input.
- **USB 3.0 Ports:** Two ports for high-speed data transfer with compatible devices.

4.2 Rear Panel Connectivity

The rear panel houses various ports for connecting monitors, network cables, and other peripherals.



Figure 4.2: Rear panel connectivity ports.

- **USB 3.1 Ports:** Two high-speed USB ports.
- **USB 3.0 Ports:** Two additional high-speed USB ports.
- **USB 2.0 Ports:** Two standard USB ports.
- **HDMI-Out Port:** Connect to a monitor or TV for digital video and audio output.
- **VGA Port:** Connect to a monitor for analog video output.
- **RJ45 LAN Port:** For wired network connection.
- **8-channel Audio I/O:** Multiple audio jacks for surround sound systems.

4.3 Wireless Connectivity

The desktop supports fast 802.11ac Wi-Fi for wireless internet access.

Ultra-fast WiFi



Figure 4.3: Wireless connectivity for the desktop.

To connect to a Wi-Fi network, navigate to the network settings in Windows 10, select your desired network, and enter the password if prompted.

4.4 Audio Features

The ASUS K31CD-DS71 incorporates SonicMaster Audio technology, which combines hardware, software, and tuning to deliver enhanced audio quality for various applications, including music, movies, and games.

5. MAINTENANCE

5.1 General Care

- Keep the desktop in a well-ventilated area to prevent overheating.
- Avoid placing liquids or heavy objects on top of the unit.
- Clean the exterior with a soft, dry cloth. Do not use harsh chemicals.
- Regularly clean dust from the vents using compressed air to maintain optimal airflow.

5.2 Software Updates

Ensure your Windows 10 Home operating system is kept up-to-date. Windows Update automatically downloads and installs critical updates, security patches, and driver updates. You can manually check for

updates by going to **Settings > Update & Security > Windows Update**

5.3 Driver Updates

While Windows Update handles most driver updates, you may occasionally need to update specific drivers (e.g., graphics or chipset) from the ASUS support website for optimal performance or to resolve compatibility issues. Always download drivers from the official ASUS support page for your specific model.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your ASUS K31CD-DS71 VivoPC Desktop.

6.1 Power and Boot Issues

- **No Power:** Ensure the power cord is securely connected to both the desktop and the electrical outlet. Verify the outlet is functional.
- **System Not Booting:** If the system powers on but does not display anything on the screen, check the monitor's power and cable connections. Try restarting the computer. If the issue persists, it may indicate a hardware problem.
- **Operating System Not Loading:** If Windows 10 fails to load, try accessing the Windows Recovery Environment (usually by interrupting the boot process a few times) to perform startup repair or system restore.

6.2 Connectivity Problems

- **No Internet Connection (Wired):** Check if the Ethernet cable is properly connected. Verify your router/modem is working correctly.
- **No Internet Connection (Wireless):** Ensure Wi-Fi is enabled in Windows settings. Check if your Wi-Fi network is visible and you are entering the correct password. Restart your router/modem.
- **Peripheral Not Detected:** If a USB device is not recognized, try plugging it into a different USB port. Ensure the device's drivers are installed.

6.3 Audio Issues

- **No Sound:** Check volume levels in Windows and on your speakers/headphones. Ensure audio cables are correctly plugged into the appropriate jacks. Verify audio drivers are installed and up-to-date in Device Manager.

For persistent issues, refer to the ASUS support website or contact customer service.

7. SPECIFICATIONS

Below are the detailed specifications for the ASUS K31CD-DS71 VivoPC Desktop:

Component	Specification
Brand	ASUS
Model Number	K31CD-DS71
Operating System	Windows 10 Home
CPU Model	Intel Core i7-7700

CPU Speed	3.6 GHz
RAM Memory Installed	16 GB DDR4
Hard Disk Description	2TB (7200 RPM) HDD
Optical Storage Device	DVD-RW
Graphics Coprocessor	Intel HD Graphics 630 (Integrated)
Connectivity Technology	HDMI, VGA, LAN, USB, Wi-Fi (802.11ac)
USB Ports	2x USB 3.1, 4x USB 3.0, 2x USB 2.0
Audio I/O	1x Headphone, 1x Microphone, 1x 8-channel Audio I/O
Card Reader	6-in-1
Item Dimensions (LxWxH)	15.4 x 7.1 x 13.8 inches
Item Weight	13.7 Pounds
Color	Black

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The ASUS K31CD-DS71 VivoPC Desktop comes with a **1-Year Domestic Warranty**, which includes 1-way free shipping for service. Please refer to the included Warranty Card for detailed terms and conditions, including coverage, limitations, and how to initiate a warranty claim.

8.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact ASUS customer support. You can find contact information and additional resources on the official ASUS support website. Have your product model number (K31CD-DS71) and serial number ready when contacting support.