

Lenovo 90VT0065US

Lenovo IdeaCentre 3i Desktop (Model 90VT0065US) User Manual

Your guide to setup, operation, and maintenance.

1. SETUP

This section guides you through the initial setup of your Lenovo IdeaCentre 3i Desktop, from unpacking to first power-on.

1.1 Unpacking

1. Carefully remove the desktop computer and all accessories from the packaging.
2. Verify that all components listed in the packing slip are present. This typically includes the desktop unit, power cable, wired keyboard, and wired mouse.
3. Retain the original packaging for future transport or service needs.

1.2 Connecting Peripherals

Connect your monitor, keyboard, mouse, and other essential devices to the desktop.

- **Monitor:** Connect your monitor to the desktop using an HDMI cable (to the HDMI-Out 2.1 port) or a VGA cable (to the VGA Out port). Ensure the monitor is also connected to a power source.
- **Keyboard and Mouse:** Connect the wired keyboard and mouse to any available USB Type-A ports on the front or rear of the desktop.
- **Power:** Connect the power cable to the power input on the rear of the desktop, then plug the other end into a grounded electrical outlet.
- **Network (Optional):** For a wired internet connection, connect an Ethernet cable from your router or modem to the RJ-45 port on the rear of the desktop.
- **Audio (Optional):** Connect speakers or headphones to the Headphone/Microphone Combination Jack on the front panel.



Figure 1: Front-left view of the Lenovo IdeaCentre 3i Desktop. This image shows the front panel with power button, USB ports, and audio jacks, along with the textured side panel.

1.3 Initial Power-On and Operating System Setup

1. Press the power button located on the front panel of the desktop.
2. The system will boot up, and you will be prompted to complete the Windows 11 Home setup process. Follow the on-screen instructions to configure language, region, network settings, and user accounts.
3. Ensure you have an active internet connection during setup to download necessary updates.

2. OPERATING INSTRUCTIONS

This section provides basic instructions for operating your desktop computer.

2.1 Power On/Off and Restart

- **Power On:** Press the power button on the front panel.
- **Shut Down:** Click the Start button in Windows, then select Power > Shut down.
- **Restart:** Click the Start button in Windows, then select Power > Restart.
- **Sleep:** Click the Start button in Windows, then select Power > Sleep.

2.2 Front Panel Overview

The front panel provides convenient access to frequently used ports.



Figure 2: Front view of the Lenovo IdeaCentre 3i Desktop. This image highlights the vertical strip on the right side of the front panel, detailing the power button, USB ports, and audio jacks.

- **Power Button:** Used to turn the computer on or off.
- **USB 3.2 Gen 1 Type-C:** For high-speed data transfer and 5V @ 3A charging.
- **USB 3.2 Gen 1 Type-A (x2):** For connecting USB devices such as external drives or peripherals.
- **Headphone/Microphone Combination Jack:** For connecting headsets or headphones with a microphone.
- **Microphone Jack:** For connecting an external microphone.

2.3 Rear Panel Overview

The rear panel contains ports for essential connections.

- **USB 3.2 Gen 1 Type-A (x2):** Additional high-speed USB ports.
- **USB 2.0 Type-A (x2):** Standard USB ports for keyboard, mouse, or other peripherals.
- **HDMI-Out 2.1:** For connecting to a monitor or display.
- **VGA Out:** For connecting to older monitors or displays.
- **RJ-45 (Ethernet):** For wired network connection.
- **Power Input:** For connecting the power cable.

2.4 Network Connectivity

- **Wi-Fi:** The desktop supports Wi-Fi 6 (802.11ax). To connect, click the network icon in the Windows taskbar, select your desired Wi-Fi network, and enter the password.

- **Ethernet:** If you connected an Ethernet cable during setup, your computer should automatically connect to the wired network.

3. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your desktop.

3.1 Cleaning

- **Exterior:** Use a soft, lint-free cloth slightly dampened with water or a mild, non-abrasive cleaner to wipe the exterior surfaces. Avoid harsh chemicals.
- **Vents:** Periodically use compressed air to clear dust from the ventilation openings to prevent overheating. Ensure the system is powered off before cleaning vents.
- **Ports:** Keep ports free of dust and debris.



Figure 3: Front-right view of the Lenovo IdeaCentre 3i Desktop. This image shows the right side panel with ventilation grilles, important for maintaining airflow and preventing overheating.

3.2 Software Updates

- Regularly update your Windows operating system and drivers to ensure security and performance. Access Windows Update through Settings > Windows Update.
- Check the Lenovo support website for specific driver updates for your model.

3.3 Storage Management

- Periodically review and delete unnecessary files to free up space on your 1TB NVMe M.2 Solid State Drive.
- Consider using cloud storage or external drives for large files to optimize system performance.

4. TROUBLESHOOTING

This section addresses common issues you might encounter.

4.1 No Power

- Ensure the power cable is securely connected to both the desktop and the electrical outlet.
- Verify the electrical outlet is functional by plugging in another device.
- Check for any tripped circuit breakers.

4.2 No Display on Monitor

- Confirm the monitor is powered on and its power indicator light is active.
- Check that the video cable (HDMI or VGA) is securely connected to both the desktop and the monitor.
- Ensure the correct input source is selected on your monitor.
- Try connecting the monitor to a different video output port on the desktop, if available.

4.3 Network Connectivity Issues

- **Wired Connection:** Verify the Ethernet cable is properly connected to the RJ-45 port and your router/modem. Check the status lights on the Ethernet port and your network device.
- **Wi-Fi Connection:** Ensure Wi-Fi is enabled in Windows settings. Confirm you are connected to the correct network and have entered the password accurately. Restart your router/modem.
- Run the Windows Network Troubleshooter (Settings > Network & internet > Advanced network settings > Network troubleshooter).

4.4 System Slowdown or Freezing

- Close unnecessary applications running in the background.
- Check Task Manager (Ctrl+Shift+Esc) for processes consuming excessive CPU, RAM, or disk resources.
- Ensure your operating system and drivers are up to date.
- Perform a system restart.

5. SPECIFICATIONS

Detailed technical specifications for the Lenovo IdeaCentre 3i Desktop (Model 90VT0065US).

| Component | Specification |
|-----------|--|
| Processor | Intel Core i5-14400 (10-Core), 4.7 GHz Max Speed |
| RAM | 16GB DDR4 3200MHz |
| Storage | 1TB PCI NVMe M.2 Solid State Drive |

| Component | Specification |
|-----------------------|--|
| Graphics | Integrated Intel UHD 730 Graphics |
| Operating System | Windows 11 Home (64-bit) |
| Wireless Connectivity | Wi-Fi 6 (802.11ax 2x2), Bluetooth 5.1 |
| Wired Connectivity | 10/100/1000 Ethernet LAN (RJ-45) |
| Front Ports | 1x USB 3.2 Gen 1 Type-C, 2x USB 3.2 Gen 1 Type-A, 1x Headphone/Microphone Combination Jack, 1x Microphone Jack |
| Rear Ports | 2x USB 3.2 Gen 1 Type-A, 2x USB 2.0 Type-A, 1x VGA Out, 1x HDMI-Out 2.1, 1x RJ-45 |
| Optical Drive | DVD+RW |
| Dimensions (Approx.) | 20.5 x 15.5 x 7.5 inches (Package Dimensions) |
| Weight (Approx.) | 11.97 pounds |

6. WARRANTY AND SUPPORT

Your Lenovo IdeaCentre 3i Desktop comes with a standard manufacturer's warranty. For detailed information regarding warranty terms, coverage, and duration, please refer to the warranty card included with your product or visit the official Lenovo support website.

6.1 Technical Support

If you encounter issues that cannot be resolved using the troubleshooting steps in this manual, or require further assistance, please contact Lenovo technical support. You can find contact information and online support resources on the official Lenovo support website.

- **Online Support:** Visit the Lenovo support website for FAQs, drivers, software downloads, and community forums.
- **Contact Support:** Refer to the Lenovo website for phone numbers or chat options for direct technical assistance.

When contacting support, please have your product model number (90VT0065US) and serial number readily available.

