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> [Lenovo H50 Affordable Tower Desktop Computer User Manual](#)

Lenovo 90BG0004US

Lenovo H50 Affordable Tower Desktop Computer User Manual

Model: 90BG0004US

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Lenovo H50 Affordable Tower Desktop Computer. Please read this manual thoroughly before using your computer to ensure proper functionality and to maximize its lifespan. The Lenovo H50 is designed to deliver responsive performance and an immersive multimedia experience, featuring 5.1 channel surround sound, full HD graphics support, and a DVD read/write drive.

2. PRODUCT OVERVIEW

Familiarize yourself with the components of your Lenovo H50 desktop computer.





Figure 2.1: Angled view of the Lenovo H50 desktop computer, showcasing its compact tower design and front panel features.





Figure 2.2: Front view of the Lenovo H50, highlighting the optical drive, front USB ports, audio jacks, and media card reader.

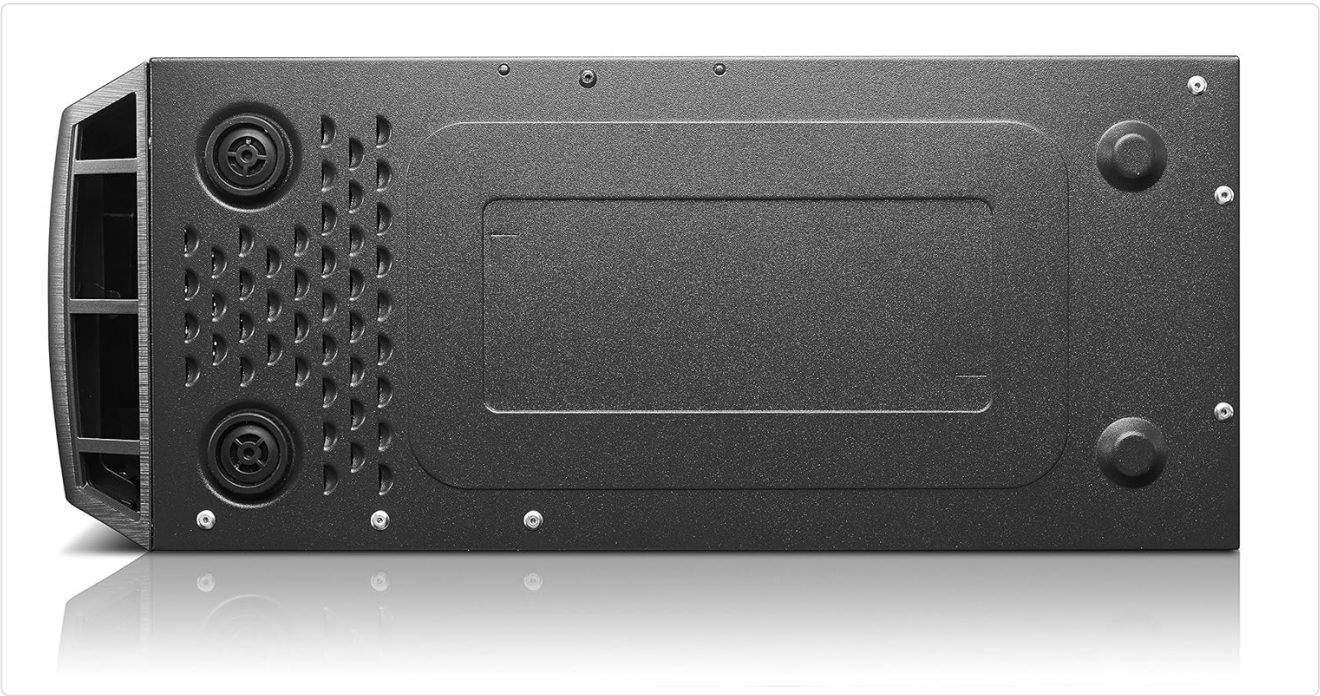


Figure 2.3: Bottom view of the Lenovo H50, showing ventilation grilles and rubber feet for stability.



Figure 2.4: Detailed view of the front panel ports, including USB 2.0 ports, headphone and microphone jacks, and a multi-card reader slot.



Figure 2.5: Left side view of the Lenovo H50, showing the side panel design and ventilation.



Figure 2.6: Top view of the Lenovo H50, featuring the power button and subtle branding.

3. SETUP GUIDE

3.1 Unpacking and Placement

- Carefully remove the computer and all accessories from the packaging. Retain the packaging for future transport or service.
- Place the computer on a stable, flat surface with adequate ventilation around all sides. Avoid placing it in enclosed spaces or near heat sources.

3.2 Connecting Peripherals

Connect your monitor, keyboard, mouse, and other devices to the appropriate ports on the back and front of the computer.

1. **Monitor:** Connect your monitor cable (VGA, HDMI, or DisplayPort, depending on your monitor and available ports) to the corresponding port on the back of the computer.
2. **Keyboard and Mouse:** Connect your USB keyboard and mouse to any available USB ports.
3. **Audio:** Connect speakers or headphones to the audio output jack (green) on the back or front panel. Connect a microphone to the microphone input jack (pink) if desired.
4. **Network:** For a wired connection, connect an Ethernet cable from your router or modem to the LAN port on the back of the computer. For wireless, ensure your Wi-Fi antenna is connected (if applicable) or that the internal Wi-Fi is enabled.
5. **Power:** Connect the power cord to the power connector on the back of the computer, then plug the other end into a grounded electrical outlet.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

- **To Power On:** Press the power button located on the top front of the computer. The power indicator light will illuminate.
- **To Shut Down:** In Windows 8.1, move your mouse to the top-right or bottom-right corner of the screen to open the

Charms bar. Click **Settings > Power > Shut down**.

- **To Restart:** Follow the same steps as shutting down, but select **Restart** instead.
- **To Sleep:** Follow the same steps as shutting down, but select **Sleep** instead.

4.2 Using Windows 8.1

Your Lenovo H50 comes pre-installed with Windows 8.1. Familiarize yourself with its interface:

- **Start Screen:** The primary interface with live tiles for applications and information.
- **Desktop:** Access the traditional desktop environment for familiar applications and files.
- **Charms Bar:** Swipe from the right edge of the screen (or move mouse to corners) to access Search, Share, Start, Devices, and Settings.
- **Switching Apps:** Swipe from the left edge of the screen (or move mouse to top-left corner) to switch between open applications.

4.3 Optical Drive Usage

The integrated DVD-RW drive allows you to read and write CDs and DVDs.

- **Inserting a Disc:** Press the eject button on the drive to open the tray. Place the disc label-side up on the tray and gently push the tray back in.
- **Ejecting a Disc:** Press the eject button on the drive, or right-click the drive icon in File Explorer and select **Eject**.

5. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your computer.

- **Cleaning:** Use a soft, lint-free cloth to clean the exterior of the computer. For stubborn marks, slightly dampen the cloth with water. Do not use harsh chemicals or abrasive cleaners. Use compressed air to clear dust from vents periodically.
- **Software Updates:** Regularly check for and install Windows updates and driver updates for your hardware. This ensures security and performance improvements.
- **Antivirus Protection:** Keep your antivirus software up-to-date and perform regular scans to protect against malware.
- **Data Backup:** Periodically back up important files to an external drive or cloud storage to prevent data loss.
- **Ventilation:** Ensure that the computer's ventilation openings are not blocked to prevent overheating.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Lenovo H50 desktop computer.

6.1 No Power

- Ensure the power cord is securely connected to both the computer and a working electrical outlet.
- Check if the power outlet is functional by plugging in another device.
- Verify that the power supply switch on the back of the computer (if present) is in the 'On' position.

6.2 No Display on Monitor

- Check if the monitor is powered on and its power indicator light is illuminated.
- Ensure the video cable (VGA, HDMI, etc.) is securely connected to both the computer and the monitor.
- Try connecting the monitor to a different video output port on the computer, if available.

- If using a discrete graphics card, ensure the monitor is connected to the graphics card's output, not the motherboard's integrated graphics output.

6.3 Computer is Slow or Unresponsive

- Close unnecessary programs running in the background.
- Check Task Manager (Ctrl+Shift+Esc) for processes consuming high CPU or memory.
- Ensure there is sufficient free space on your hard drive.
- Run a full system scan with your antivirus software.
- Restart the computer.

6.4 Internet Connectivity Issues

- **Wired:** Ensure the Ethernet cable is properly connected and the router/modem is working.
- **Wireless:** Verify Wi-Fi is enabled in Windows settings. Check if the Wi-Fi network is visible and you are entering the correct password. Restart your router/modem.
- Update network drivers.

7. SPECIFICATIONS

Detailed technical specifications for the Lenovo H50 Desktop Computer (Model: 90BG0004US).

Feature	Specification
Brand	Lenovo
Model Name	H50 Affordable Tower
Item Model Number	90BG0004US
Processor Brand	AMD
Processor Type	A-Series Quad-Core A8
Processor Speed	3.1 GHz
RAM Size	6 GB
Memory Technology	DDR3
Maximum Memory Supported	16 GB
Hard Drive Size	1 TB
Hard Disk Rotational Speed	7200 RPM
Graphics Coprocessor	AMD Integrated ATI Radeon R7
Optical Drive Type	DVD-RW
Operating System	Windows 8.1
Connectivity Type	Wi-Fi
Wireless Type	802.11bgn
Number of USB 2.0 Ports	4

Card Reader	Secure Digital Card
Form Factor	Tower
Product Dimensions (LxWxH)	41 x 16 x 35.5 Centimeters
Item Weight	7.09 kg

8. WARRANTY AND SUPPORT

Your Lenovo H50 Desktop Computer comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Lenovo support website. For technical support, driver downloads, and additional resources, please visit the Lenovo support portal. You may also find helpful information and community forums on the official Lenovo website.

- **Lenovo Support Website:** <https://support.lenovo.com> (Please note: This is a general link and may require navigation to your specific product model.)

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Product specifications are subject to change without notice.