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› Lenovo ThinkCentre Neo 50q Gen 5 Business PC User Manual

## Lenovo ThinkCentre Neo 50q Gen 5 Tiny

# Lenovo ThinkCentre Neo 50q Gen 5 Tiny PC User Manual

Model: ThinkCentre Neo 50q Gen 5 Tiny (Type 13B9)

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## 1. INTRODUCTION

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This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Lenovo ThinkCentre Neo 50q Gen 5 Tiny PC. Please read this guide thoroughly before using your device to ensure proper function and safety.

## 2. PRODUCT OVERVIEW

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The Lenovo ThinkCentre Neo 50q Gen 5 Tiny PC is a compact and powerful business desktop designed for efficiency and performance. It features an Intel Core 5 210H Processor, 32GB DDR5 memory, and a 1TB SSD, running on Windows 11 Pro.

### 2.1 Package Contents

- Lenovo ThinkCentre Neo 50q Gen 5 Tiny Business PC
- AC Adapter / Power Supply (90W)
- USB Calliope Mouse (Black)
- USB Calliope Keyboard (Black - English US QWERTY)
- Documentation (Quick Start Guide, Safety Information)

### 2.2 Front and Rear Ports & Slots

Familiarize yourself with the various ports and connectors on your ThinkCentre Neo 50q Gen 5 Tiny PC.



**Image:** Detailed diagram illustrating the location and function of all front and rear ports and slots on the ThinkCentre Neo 50q Gen 5 Tiny PC.

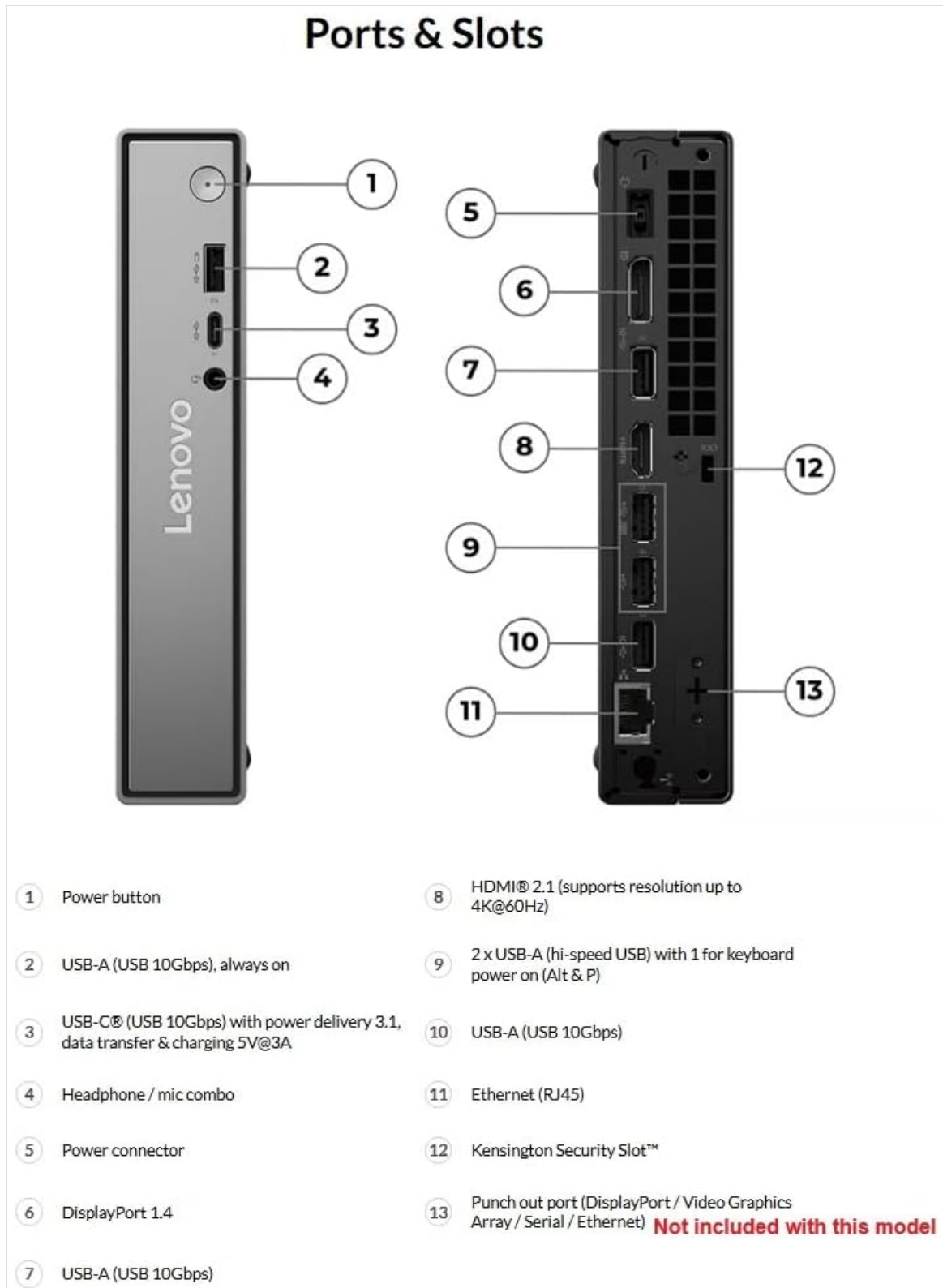
#### Front Ports:

- 1x USB-C (USB 10Gbps / USB 3.2 Gen 2), with data transfer and 5V@3A charging
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), with Always On and 5V@2.1A charging
- 1x Headphone / microphone combo jack (3.5mm)

- Power button

### Rear Ports:

- 2x USB-A (Hi-Speed USB / USB 2.0), one supports Smart Power On
- 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x HDMI 2.1 TMDs (supports resolution up to 4K@60Hz)
- 1x DisplayPort 1.4b
- 1x Ethernet (GbE RJ-45)
- 1x Power connector
- Kensington Security Slot™



**Image:** Front angled view of the ThinkCentre Neo 50q Gen 5 Tiny PC, highlighting the power button, USB ports, and headphone jack.



**Image:** Rear view of the ThinkCentre Neo 50q Gen 5 Tiny PC, showing the various video outputs, USB ports, Ethernet, and power connector.

## 3. SETUP INSTRUCTIONS

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Follow these steps to set up your ThinkCentre Neo 50q Gen 5 Tiny PC.

1. **Unpack the PC:** Carefully remove the PC and all accessories from the packaging.
2. **Connect Peripherals:**
  - Connect the USB keyboard and mouse to the available USB-A ports on the front or rear of the PC.
  - Connect your monitor(s) to the HDMI or DisplayPort outputs on the rear of the PC.
  - If using a wired network, connect an Ethernet cable to the RJ-45 port on the rear.
3. **Connect Power:** Connect the power adapter to the power connector on the rear of the PC, then plug the power cord into a wall outlet.
4. **Power On:** Press the power button located on the front of the PC. The system will boot up.
5. **Initial Windows Setup:** Follow the on-screen instructions to complete the Windows 11 Pro setup, including language, region, network connection, and user account creation.

## 4. OPERATING INSTRUCTIONS

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Your ThinkCentre Neo 50q Gen 5 Tiny PC comes pre-installed with Windows 11 Pro. This section covers basic operation.

### 4.1 Power Management

- **Turning On:** Press the power button on the front of the PC.
- **Shutting Down:** Click the Start button in Windows, then select Power > Shut down.
- **Restarting:** Click the Start button in Windows, then select Power > Restart.
- **Sleep Mode:** Click the Start button in Windows, then select Power > Sleep.

### 4.2 Connecting to Networks

- **Wired Connection:** If an Ethernet cable is connected, your PC should automatically connect to the network.
- **Wireless Connection (Wi-Fi 6):**
  1. Click the Wi-Fi icon in the taskbar.
  2. Select your desired Wi-Fi network from the list.
  3. Enter the network security key (password) if prompted.
  4. Click **Connect**.

### 4.3 Using USB Devices

Connect USB devices such as external hard drives, printers, or webcams to any available USB-A or USB-C ports. Windows will typically install the necessary drivers automatically.

## 5. MAINTENANCE

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

- **Keep it Clean:** Regularly clean the exterior of the PC with a soft, dry cloth. Use compressed air to clear dust from ventilation grilles to prevent overheating.
- **Software Updates:** Keep your Windows operating system and drivers updated. Go to **Settings > Windows Update** to check for updates.

- **Antivirus Protection:** Ensure your antivirus software is up-to-date and performing regular scans to protect against malware.
- **Data Backup:** Regularly back up important data to an external drive or cloud storage to prevent data loss.
- **Avoid Obstructions:** Ensure the PC's ventilation openings are not blocked to allow for proper airflow.

## 6. TROUBLESHOOTING

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This section provides solutions to common issues you might encounter.

### 6.1 No Power

- Ensure the power adapter is securely connected to both the PC and a working electrical outlet.
- Test the outlet with another device.
- Verify the power button is fully pressed.

### 6.2 No Display on Monitor

- Check that the monitor is powered on and its power cable is securely connected.
- Ensure the video cable (HDMI or DisplayPort) is firmly connected to both the PC and the monitor.
- Try a different video cable or monitor if available.
- Ensure the correct input source is selected on your monitor.

### 6.3 PC is Slow or Unresponsive

- Close unnecessary applications running in the background.
- Check for and install any pending Windows updates.
- Run a full system scan with your antivirus software.
- Restart the PC.
- Ensure adequate ventilation to prevent overheating.

### 6.4 Network Connectivity Issues

- For wired connections, ensure the Ethernet cable is properly connected and the router/modem is working.
- For Wi-Fi, ensure Wi-Fi is enabled, you are connected to the correct network, and the password is correct.
- Restart your router/modem and the PC.
- Run the Windows Network Troubleshooter (**Settings > Network & internet > Advanced network settings > Network troubleshooter**).

## 7. SPECIFICATIONS

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Feature	Specification
Processor	Intel Core 5 210H (E-cores up to 3.60 GHz, P-cores up to 4.80 GHz)
Memory (RAM)	32 GB DDR5-5600MT/s (SODIMM)
Storage	1 TB SSD M.2 2280 PCIe Gen4 TLC Opal
Graphics	Integrated Intel Graphics
Operating System	Windows 11 Pro 64-bit
Connectivity	Intel Wi-Fi 6 AX203 2x2 AX, Bluetooth 5.2, Gigabit Ethernet (RJ-45)
Front Ports	1x USB-C (USB 10Gbps), 1x USB-A (USB 10Gbps with Always On), 1x Headphone/Mic Combo
Rear Ports	2x USB-A (USB 2.0), 2x USB-A (USB 10Gbps), 1x HDMI 2.1 TMDS, 1x DisplayPort 1.4b, 1x Ethernet (RJ-45), 1x Power Connector
Dimensions (H x W x D)	19.37 x 9.84 x 5.04 inches (approximate)
Weight	Approximately 6.65 lbs (3.02 kg)
Color	Raven Black

## 8. WARRANTY AND SUPPORT

### 8.1 Warranty Information

Your Lenovo ThinkCentre Neo 50q Gen 5 Tiny PC comes with a **1 Year On-Site Lenovo Warranty**. For detailed terms and conditions, please refer to the warranty documentation included with your product or visit the official Lenovo support website.

### 8.2 Technical Support

For technical assistance, driver downloads, or further information, please visit the official Lenovo Support website:

<https://support.lenovo.com>

You will need your product's serial number, which can typically be found on a label on the device or within the system information in Windows.