

Lenovo 83DS000XDSA

Lenovo IdeaPad 5 2-in-1 16AHP9 Laptop User Manual

Model: 83DS000XDSA

1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Lenovo IdeaPad 5 2-in-1 16AHP9 Laptop. Please read this manual thoroughly to ensure proper use and to maximize the performance and longevity of your device. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The Lenovo IdeaPad 5 2-in-1 16AHP9 is a versatile laptop designed for productivity and entertainment. It features a 16-inch WUXGA (1920 x 1200) IPS touchscreen display, powered by an AMD Ryzen 7 8845HS 8-Core Processor and AMD Radeon 780M Graphics. The device includes 16GB LPDDR5 RAM and a 1TB NVMe M.2 SSD, running on Windows 11 Home. Its 2-in-1 design allows for flexible usage modes.



Figure 2.1: Lenovo IdeaPad 5 2-in-1 Laptop with touchscreen functionality highlighted.

Key Features:

- **Display:** 16" WUXGA (1920 x 1200) IPS Touchscreen, 300 nits, Glossy, 45% NTSC, 60Hz, TÜV Low Blue Light.
- **Processor:** AMD Ryzen 7 8845HS 8-Core (up to 5.0 GHz).
- **Graphics:** AMD Radeon 780M Graphics.
- **Memory:** 16GB LPDDR5 SDRAM 6400 MHz.
- **Storage:** 1TB NVMe M.2 SSD.
- **Operating System:** Windows 11 Home.
- **Connectivity:** MediaTek Wi-Fi 6 (2x2) and Bluetooth 5.3.
- **Ports:** 2x USB 3.2 Gen 2 Type-C (Power Delivery/DisplayPort), 2x USB 3.2 Gen 1 Type-A, 1x HDMI 1.4, 1x Headphone/microphone combo.
- **Security:** Fingerprint reader.
- **Camera:** 1080p FHD Camera with Privacy Shutter.
- **Keyboard:** Backlit Keyboard with Numpad.

3. SETUP

3.1 Unpacking and Initial Inspection

Carefully remove your laptop and all accessories from the packaging. Verify that all components are present:

- Lenovo IdeaPad 5 2-in-1 Laptop
- 65W AC Adapter
- 32GB USB 3.0 Flash Drive

Inspect the laptop for any physical damage. If any damage is found or components are missing, contact your retailer immediately.

3.2 Connecting the Power Adapter

1. Connect the AC adapter to the power input port on your laptop.
2. Plug the power cord into a wall outlet.

It is recommended to fully charge the battery before initial use.

3.3 Initial Power On and Windows Setup

1. Open the laptop lid.
2. Press the power button, typically located on the side or top right of the keyboard deck.
3. Follow the on-screen instructions to complete the Windows 11 Home setup process. This includes selecting your region, language, connecting to a Wi-Fi network, and creating a user account.

3.4 Connecting Peripherals

You can connect external devices such as a mouse, external display, or USB drives to the available ports:

- **USB-C Ports:** Use for data transfer, power delivery, or connecting to an external display via DisplayPort.
- **USB-A Ports:** For standard USB devices. One port supports 'Always On' functionality for charging devices even when the laptop is off or in sleep mode.
- **HDMI Port:** Connect to an external monitor or TV.
- **Headphone/Microphone Combo Jack:** For audio input/output.



Figure 3.1: Side view illustrating the laptop's connectivity ports.

4. OPERATING INSTRUCTIONS

4.1 Basic Interaction

- **Keyboard:** Use for typing and system commands. The integrated numpad allows for efficient data entry.
- **Touchpad:** Provides precise cursor control. Supports multi-touch gestures for scrolling, zooming, and more.
- **Touchscreen:** Interact directly with the display using your fingers for navigation, drawing, and input.



Figure 4.1: Keyboard and touchpad layout.

4.2 2-in-1 Modes

Your IdeaPad 5 can be used in multiple modes:

- **Laptop Mode:** Traditional laptop configuration for typing and productivity.
- **Tent Mode:** Fold the display back to stand the laptop in a tent shape, ideal for presentations or watching media.
- **Stand Mode:** Fold the display back further, using the keyboard as a stand, suitable for touch interaction.
- **Tablet Mode:** Fold the display completely back against the base for a full tablet experience.

4.3 Fingerprint Reader

The integrated fingerprint reader allows for secure and quick login to Windows. To set up:

1. Go to Windows Settings > Accounts > Sign-in options.
2. Select 'Fingerprint recognition (Windows Hello)' and follow the on-screen instructions to register your fingerprints.

4.4 Backlit Keyboard

The keyboard backlight can be adjusted or turned off using the dedicated function key (usually Fn + Spacebar or a specific F-key with a backlight icon). Pressing it repeatedly cycles through different brightness levels or turns it off.

4.5 Camera with Privacy Shutter

The 1080p FHD camera includes a physical privacy shutter. Slide the shutter to cover the camera lens when not in use to ensure privacy.

5. MAINTENANCE

5.1 Cleaning Your Laptop

- **Screen:** Use a soft, lint-free cloth lightly dampened with water or a screen-cleaning solution. Do not spray liquid directly onto the screen.
- **Keyboard and Chassis:** Use a soft, dry cloth. For stubborn dirt, a slightly damp cloth with mild soap solution can be used, ensuring no liquid enters openings.
- **Ports:** Use compressed air to gently remove dust from ports.

Caution:

- Always power off and unplug the laptop before cleaning.
- Avoid harsh chemicals, abrasives, or solvents.

5.2 Battery Care

- To prolong battery life, avoid frequently discharging the battery completely.
- Store the laptop in a cool, dry place if not used for extended periods.
- Periodically calibrate the battery (fully charge, then fully discharge, then fully recharge) if recommended by Lenovo support.

5.3 Software Updates

Regularly update your Windows operating system and drivers to ensure optimal performance and security. Windows Update can be accessed via Settings > Windows Update.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your laptop.

6.1 Power Issues

- **Laptop does not turn on:** Ensure the AC adapter is securely connected and the power outlet is functional. Try a different outlet. If the battery is completely drained, it may take a few minutes of charging before the laptop can power on.
- **Battery not charging:** Verify the AC adapter and cable are not damaged. Check the power indicator light on the laptop.

6.2 Display Problems

- **No display or blank screen:** Connect an external monitor to the HDMI port to check if the issue is with the laptop's internal display. Restart the laptop.
- **Touchscreen unresponsive:** Ensure the display is clean. Restart the laptop. Check for updated display drivers.

6.3 Connectivity Issues

- **Wi-Fi not connecting:** Check if Wi-Fi is enabled in Windows settings. Restart your router and the laptop. Ensure you are entering the correct Wi-Fi password.
- **Bluetooth device not pairing:** Ensure Bluetooth is enabled on both the laptop and the device. Place devices close to each other. Remove and re-add the device in Bluetooth settings.

6.4 Keyboard/Touchpad Issues

- **Keys not responding:** Clean the keyboard. Restart the laptop.
- **Touchpad not working:** Ensure the touchpad is not disabled (check function keys, e.g., Fn + F6 or F7). Restart the laptop.

For more complex issues, refer to the [Lenovo support website](#) or contact customer service.

7. SPECIFICATIONS

Detailed technical specifications for the Lenovo IdeaPad 5 2-in-1 16AHP9 Laptop (Model: 83DS000XDSA).

Feature	Specification
Model Name	83DS000XDSA
Processor	AMD Ryzen 7 8845HS (8-Core, up to 5.0 GHz)
RAM	16 GB LPDDR5 6400 MHz
Hard Drive	1 TB NVMe M.2 SSD
Graphics Coprocessor	AMD Radeon 780M Graphics
Screen Size	16 Inches
Screen Resolution	1920 x 1200 pixels (WUXGA)
Operating System	Windows 11 Home
Wireless Type	Wi-Fi 6 (802.11ax), Bluetooth 5.3
Ports	2x USB 3.2 Gen 2 Type-C, 2x USB 3.2 Gen 1 Type-A, 1x HDMI 1.4, 1x Headphone/microphone combo
Battery Life (Average)	6 Hours (57Wh Lithium-Ion)
Item Weight	4.41 pounds
Product Dimensions	14.02 x 10.03 x 0.72 inches
Color	Luna Grey
Special Features	Backlit Keyboard, Fingerprint Reader, HD Audio, Numeric Keypad

8. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official [Lenovo support website](#). Lenovo provides various support resources, including:

- Online knowledge base and FAQs.
- Driver and software downloads.
- Technical support contact information.

You can find detailed support information by visiting the [Lenovo Support Website](#) and searching for your model

(IdeaPad 5 2-in-1 16AHP9 or 83DS000XDSA).