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ZWYING HL105R

ZWYING 10.5" Touchscreen 2-in-1 Convertible Computer User Manual

Model: HL105R

1. Introduction

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your ZWYING 10.5-inch Touchscreen 2-in-1 Convertible Computer. Please read this manual thoroughly before using your device to ensure optimal performance and longevity.



Figure 1: ZWYING 10.5-inch 2-in-1 Convertible Computer

2. Product Overview

2.1 Key Features

- **360° Convertible Design:** Seamlessly switch between laptop, tablet, tent, and stand modes.
- **10.5-inch FHD IPS Touch Display:** 1920x1280 resolution (207 PPI) with a 3:2 aspect ratio for enhanced vertical workspace and 10-point multi-touch support.
- **Intel Alder Lake N95 Processor:** 4 cores, up to 3.6GHz for efficient performance.
- **Memory and Storage:** 16GB DDR4 RAM and 1TB M.2 SSD, expandable via Micro SD card slot.
- **Security:** Facial recognition for quick and secure login.
- **Input:** Smart Gesture Touchpad and Backlit Keyboard.
- **Connectivity:** Dual-band WiFi (2.4G/5G), Bluetooth 4.2, 2x USB 3.0 ports, 2x Type-C ports (one full-function with 45W-PD fast charging/data/video transmission), Mini HDMI, Micro SD card slot, and audio jack.
- **Portability:** Lightweight at 2.14 lbs (0.97kg) with an all-metal body.
- **Battery:** 4500mAh capacity.
- **Operating System:** Windows 11 Pro.



Figure 2: Device in various convertible modes (Laptop, Stand, Tent, Tablet)

2.2 Ports and Connectors

The device features a variety of ports for connectivity and expansion:

- **USB 3.0 Ports (x2):** For connecting USB devices such as external drives, mice, and keyboards.
- **Type-C Ports (x2):** One full-function Type-C port supports 45W Power Delivery (PD) fast charging, data transmission, and video output. The other is a standard Type-C port.
- **Mini HDMI Port:** For connecting to external displays or projectors.
- **Micro SD Card Slot:** For expanding storage capacity.
- **Audio Jack:** For connecting headphones or external speakers.



Figure 3: Side view showing available ports

3. Setup

3.1 Initial Power On and Windows Setup

1. **Charge the Device:** Before first use, connect the included power adapter to the full-function Type-C port and a power outlet. Allow the device to charge for at least 30 minutes.
2. **Power On:** Press and hold the power button located on the side of the device until the screen illuminates.

3. **Windows 11 Pro Setup:** Follow the on-screen instructions to complete the initial Windows 11 Pro setup. This includes selecting your region, language, connecting to a Wi-Fi network, and creating a user account.
4. **Updates:** After setup, it is recommended to check for and install any available Windows updates to ensure your system is secure and up-to-date.

3.2 Connecting Peripherals

- **USB Devices:** Insert USB devices (e.g., mouse, keyboard, flash drive) into the USB 3.0 ports.
- **Bluetooth Devices:** To connect Bluetooth devices, navigate to **Settings > Bluetooth & devices** in Windows 11 Pro and follow the pairing instructions for your specific device.
- **External Display:** Connect an external monitor or projector using the Mini HDMI port or the full-function Type-C port with an appropriate adapter (not included).

4. Operating Instructions

4.1 Switching Modes

The 360° hinge allows you to use the device in four primary modes:

- **Laptop Mode:** Standard laptop configuration for typing and productivity.
- **Tablet Mode:** Fold the keyboard back completely for a tablet experience, ideal for touch interaction.
- **Tent Mode:** Stand the device in an inverted 'V' shape, suitable for watching videos or presentations in confined spaces.
- **Stand Mode:** Position the keyboard face down to use the screen as a display, perfect for media consumption or presentations.

4.2 Touchscreen and Touchpad Usage

- **Touchscreen:** The 10-point multi-touch display supports standard touch gestures for navigation, scrolling, zooming, and drawing.
- **Smart Gesture Touchpad:** The touchpad supports various gestures for navigation. Volume and brightness adjustments can be made using specific gesture controls.
- **Disable Touchpad Gestures:** To prevent accidental touches, press the **FN + Space** keys simultaneously to enable or disable touchpad gesture functions.



Figure 4: Keyboard, Touchpad, and Camera detail

4.3 Backlit Keyboard

The keyboard features backlighting for use in low-light conditions. Press **FN + E** to toggle the keyboard backlight on or off.

4.4 Face Unlock

The integrated 1.3MP HD camera supports facial recognition for secure and convenient login. To set up Face Unlock, navigate to **Settings > Accounts > Sign-in options > Facial recognition (Windows Hello)** and follow the on-screen instructions.

5. Maintenance

5.1 Cleaning

- **Screen:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner. Avoid harsh chemicals.
- **Body:** Wipe the exterior with a soft, dry cloth. Do not use abrasive cleaners.
- **Ports:** Keep ports free of dust and debris. Use compressed air if necessary, but do so gently.

5.2 Battery Care

- Avoid fully discharging the battery frequently.
- Store the device in a cool, dry place if not used for extended periods, with the battery charged to approximately 50%.
- Use only the original or certified compatible charger.

5.3 Software Updates

Regularly check for and install Windows updates to ensure system stability, security, and performance. Go to **Settings > Windows Update** to manage updates.

6. Troubleshooting

If you encounter issues with your ZWYING convertible computer, refer to the following common solutions:

- **Device not powering on:** Ensure the device is charged. Connect the power adapter and wait a few minutes before attempting to power on again.
- **Screen is blank:** Check if the device is powered on. Try connecting to an external display via Mini HDMI to rule out a display issue.
- **Wi-Fi or Bluetooth connectivity issues:** Ensure Wi-Fi and Bluetooth are enabled in Windows settings. Restart the device and your router/Bluetooth device.
- **Touchscreen not responding:** Restart the device. Ensure no physical obstructions are on the screen.
- **Keyboard or touchpad not working:** Ensure the touchpad gestures are not disabled (FN + Space). Restart the device.
- **Slow performance:** Close unnecessary applications. Check for and install system updates. Ensure sufficient free storage space.

For more complex issues, consult the Windows 11 Pro help resources or contact customer support.

7. Specifications

Feature	Specification

Brand	ZWYING
Model Name	HL105R
Screen Size	10.5 Inches
Resolution	1920x1280 Pixels
Display Type	IPS LCD, Capacitive Touchscreen
CPU Model	Intel Alder Lake N95 (up to 3.6 GHz)
RAM Memory Installed Size	16 GB DDR4
Hard Disk Size	1 TB SSD
Operating System	Windows 11 Pro
Graphics Card Description	Integrated Intel Graphics
Connectivity Technology	Bluetooth 4.2, Dual-band Wi-Fi (802.11ac/b/g/n)
Ports	2x USB 3.0, 2x Type-C (1 full-function), Mini HDMI, Micro SD, Audio Jack
Webcam	1.3MP HD Camera
Battery	4500 mAh Lithium Ion
Item Dimensions (L x W x Thickness)	9.88" x 6.69" x 0.67"
Weight	2.14 lbs (0.97 kg)
Manufacturer	Shenzhen Chumeng Technology Co.,Ltd

8. Warranty Information

This ZWYING product comes with a limited warranty. Please refer to the warranty documentation included with your purchase for specific terms and conditions. Typically, the warranty covers manufacturing defects for a period of one year from the date of purchase.

9. Support

For technical assistance, troubleshooting, or warranty claims, please contact ZWYING customer support. Refer to the contact information provided with your product packaging or visit the official ZWYING website for support resources.

9.1 Product Video Overview

Your browser does not support the video tag.

Video 1: An overview of the ZWYING 10.5-inch touchscreen laptop, showcasing its features and design.

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