Thinlerain T-27INCH-4K-60Hz

Thinlerain 27 Inch 4K UHD Computer Monitor User Manual

Model: T-27INCH-4K-60Hz

1. Introduction

Thank you for choosing the Thinlerain 27 Inch 4K UHD Computer Monitor. This monitor is designed to provide a superior visual experience with its 3840x2160 resolution, IPS display technology, and ultra-thin bezel design. It features multiple connectivity options including HDMI and DisplayPort, built-in speakers, and VESA mount compatibility for flexible setup. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your new monitor.



Figure 1: Thinlerain 27 Inch 4K UHD Computer Monitor

This image displays the front view of the Thinlerain 27 Inch 4K UHD Computer Monitor, highlighting its sleek design and vibrant display. The screen shows a colorful, abstract image, emphasizing the monitor's visual capabilities.

2. Safety Information

Please read all instructions carefully before using the monitor. Keep this manual for future reference.

- Do not expose the monitor to rain or moisture to prevent fire or shock hazards.
- Do not open the monitor casing. There are no user-serviceable parts inside. Refer all servicing to qualified service personnel.
- Place the monitor on a stable, flat surface to prevent it from falling.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Use only the power adapter supplied with the monitor.
- Unplug the monitor from the power outlet during lightning storms or when unused for long periods.

3. Package Contents

Verify that all items listed below are present in your package:

- Thinlerain 27 Inch 4K UHD Monitor Screen x 1
- Monitor Stand x 1
- Power Adaptor x 1

- HDMI Cable x 1
- User Manual x 1

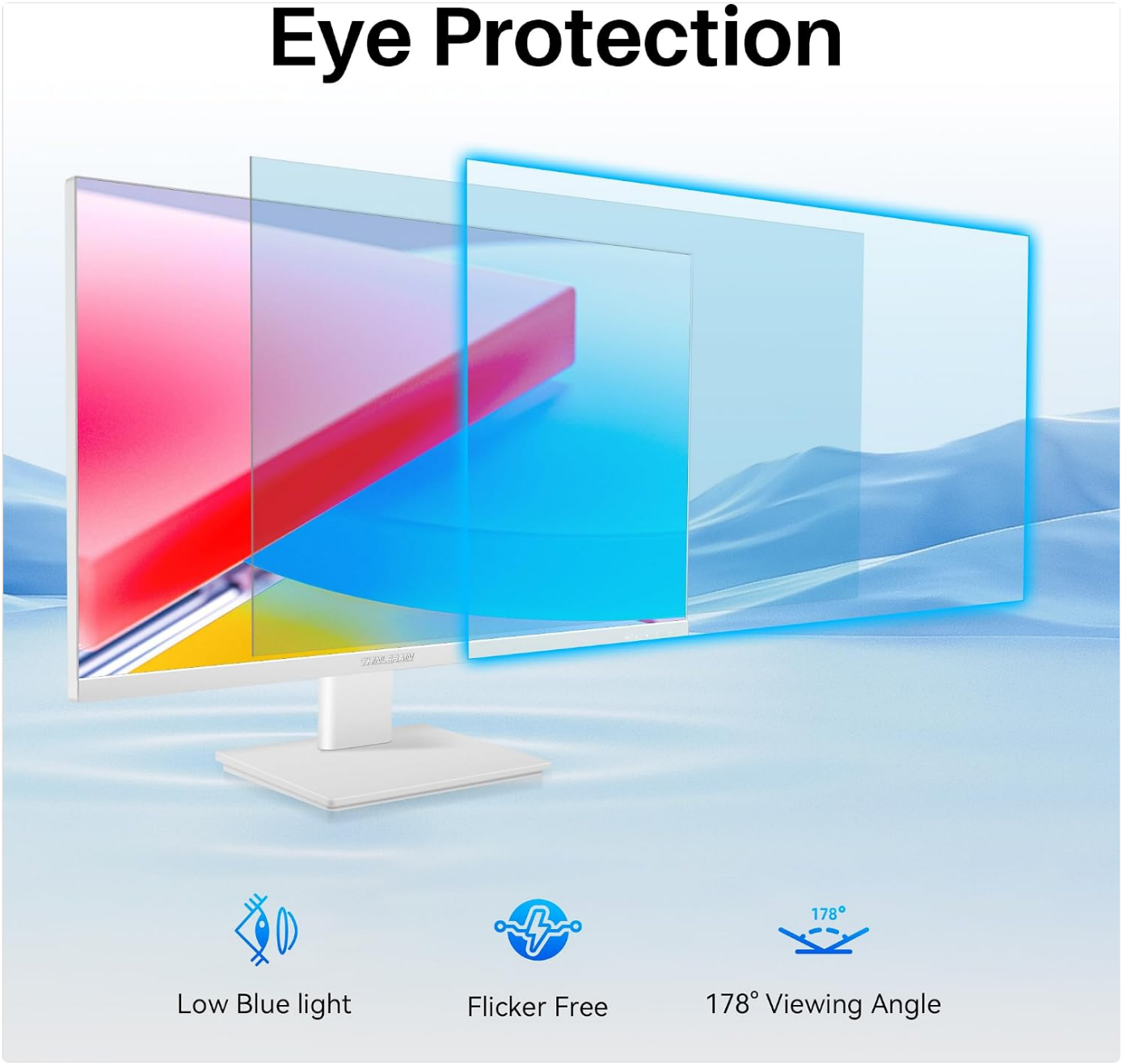


Figure 2: Package Contents and Monitor Dimensions

This image illustrates the items included in the monitor package, such as the monitor screen, stand, power adapter, HDMI cable, and user manual. It also provides a diagram showing the physical dimensions of the monitor and its adjustable tilt range.

4. Setup

4.1 Assembling the Stand

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand base to the stand neck, securing it with the provided screw.
3. Align the stand assembly with the mounting slot on the back of the monitor and gently push until it clicks into place.
4. Ensure the stand is securely attached before placing the monitor on a desk.

4.2 VESA Mounting (Optional)

The monitor supports VESA 100x100mm mounting. If you wish to use a VESA-compatible wall mount or desk arm (not

included), remove the pre-attached stand and follow the instructions provided with your VESA mounting kit.

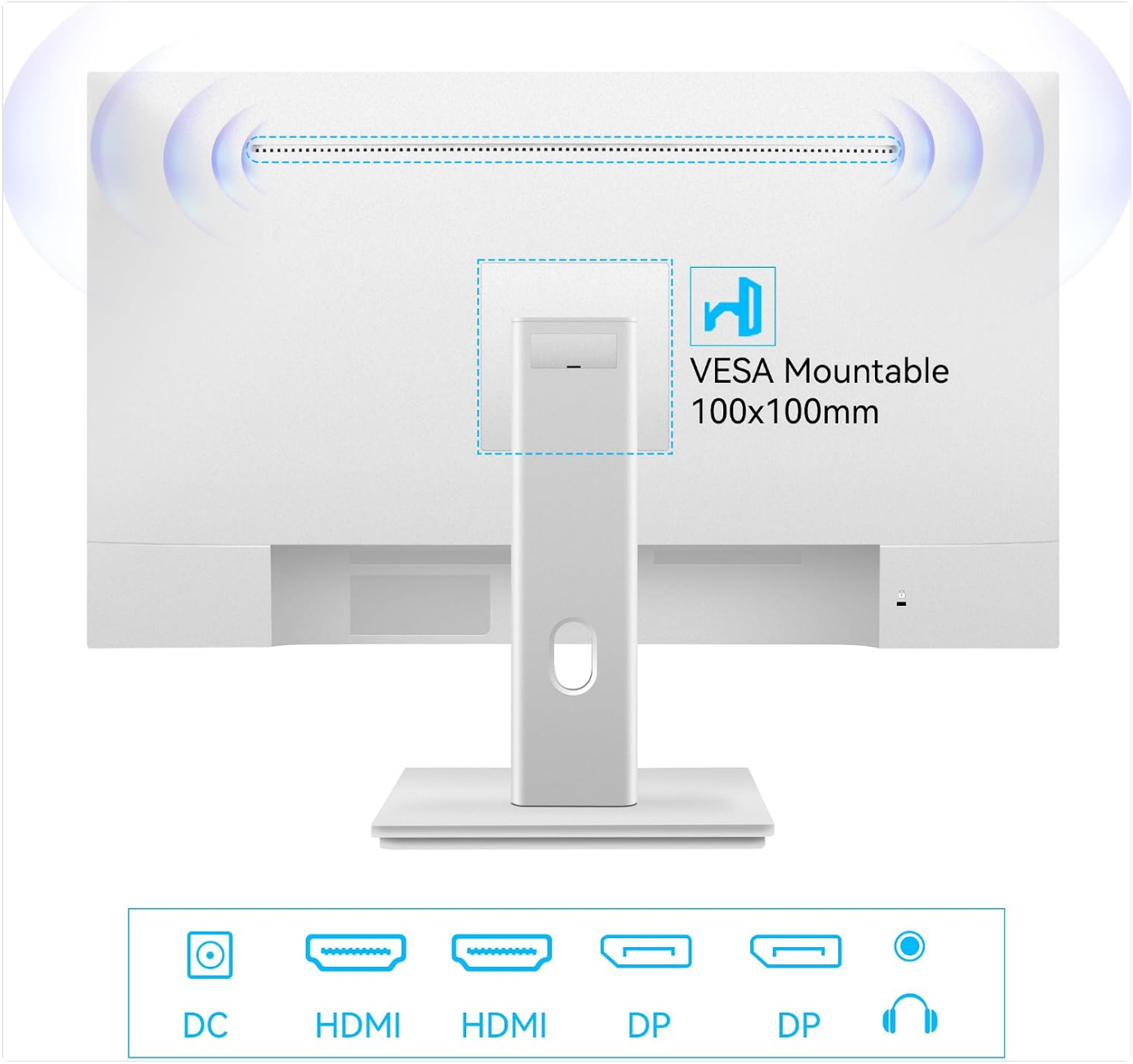


Figure 3: Monitor Rear Panel with VESA Mount and Ports

This image shows the rear panel of the Thinlerain monitor, highlighting the VESA mount compatibility (100x100mm) and the various input ports including DC power, two HDMI ports, two DisplayPort inputs, and an audio output jack. Built-in speakers are also indicated.

4.3 Connecting Cables

Before connecting, ensure both the monitor and your computer/device are powered off.

1. **Power Connection:** Connect the power adapter to the monitor's DC input port, then plug the power adapter into a wall outlet.
2. **Video Connection:**
   - **HDMI:** Connect one end of the HDMI cable (provided) to an HDMI port on your computer/device and the other end to one of the HDMI ports on the monitor.
   - **DisplayPort (DP):** Connect a DisplayPort cable (not provided) to a DP port on your computer/device and the other end to one of the DP ports on the monitor.
3. **Audio Output (Optional):** If you wish to use external speakers or headphones, connect them to the Audio Out port on the monitor.

5. Operating Instructions

5.1 Powering On/Off

Press the power button located on the monitor's control panel to turn the monitor on or off. The power indicator light will illuminate when the monitor is on.

5.2 OSD (On-Screen Display) Menu Navigation

The monitor features an OSD menu for adjusting various settings. Use the control buttons (usually located on the back or bottom right of the monitor) to navigate the menu:

- Press the Menu button to open the OSD menu.
- Use the navigation buttons (Up/Down or Left/Right) to select menu options.
- Press the Enter/OK button to confirm a selection or enter a sub-menu.
- Press the Exit/Back button to return to the previous menu or exit the OSD.

5.3 Input Source Selection

To switch between connected devices (e.g., PC, gaming console), use the input source button on the monitor or navigate to the "Input" section within the OSD menu to select the desired HDMI or DisplayPort input.

5.4 Adjusting Display Settings

Within the OSD menu, you can adjust various display parameters:

- **Brightness:** Adjust the overall luminance of the screen. (Default: 350 cd/m²)
- **Contrast:** Adjust the difference between the brightest and darkest areas of the image. (Default: 1000:1)
- **Color Settings:** Adjust color temperature, hue, and saturation.
- **Resolution:** Ensure your device is set to the native 4K UHD (3840x2160) resolution for optimal clarity.
- **Aspect Ratio:** Set to 16:9 for widescreen content.



Figure 4: Displaying Brilliant Colors

This image highlights the monitor's capability to display 16.7 million colors, a contrast ratio of 1000:1, and a brightness of 350 cd/m². It visually represents the rich and accurate color reproduction of the IPS panel.

5.5 Eye Protection Features

The Thinlerain monitor incorporates technologies to reduce eye strain during prolonged use:

- **Flicker-Free Technology:** Reduces screen flickering, which can cause eye fatigue.
- **Low Blue Light Mode:** Filters out harmful blue light emissions, promoting more comfortable viewing.

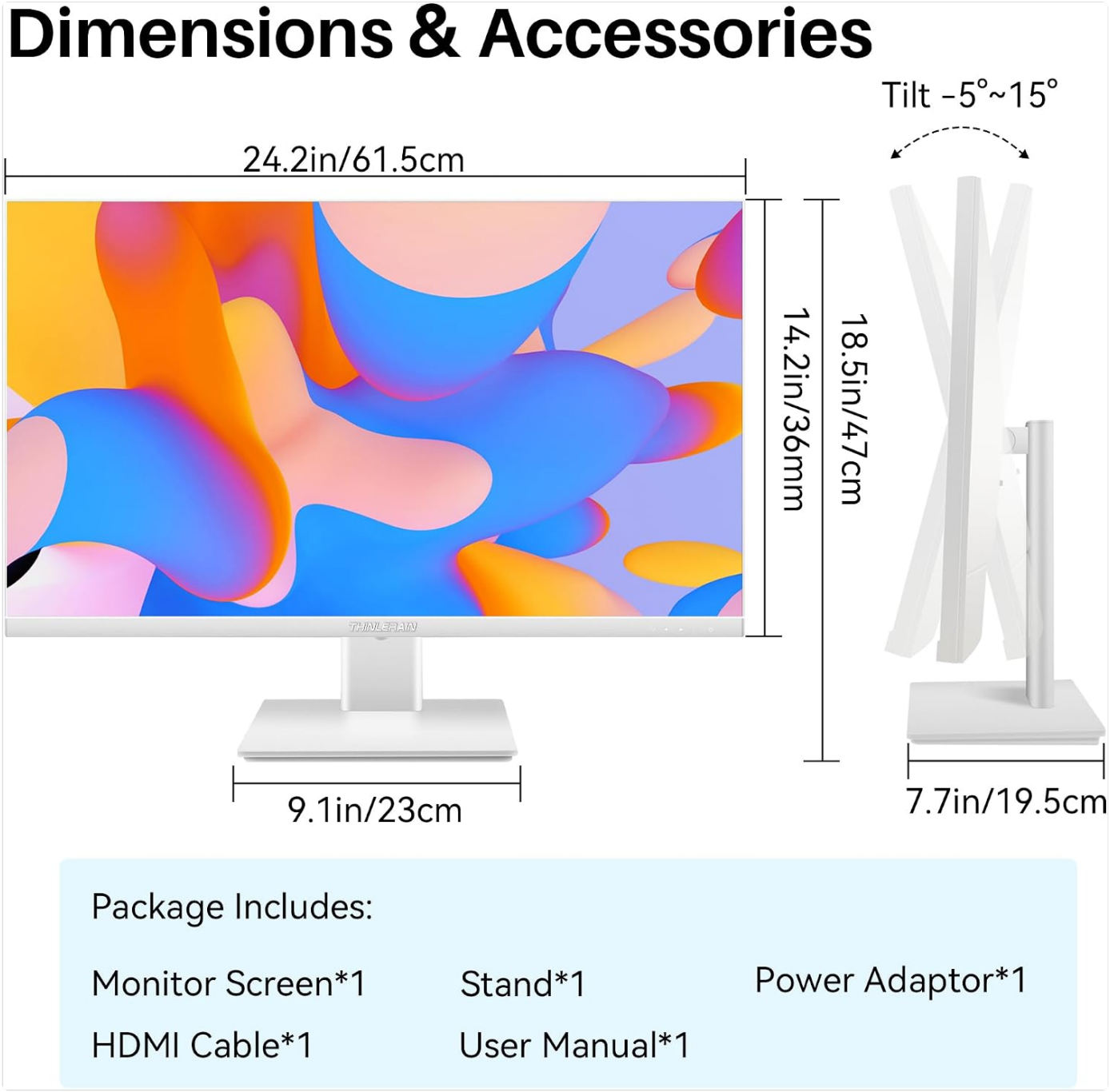


Figure 5: Eye Protection Technologies

This image visually explains the eye protection features of the monitor, including Low Blue Light, Flicker-Free technology, and a wide 178° viewing angle, all designed to enhance user comfort during extended viewing periods.

6. Maintenance

6.1 Cleaning the Monitor

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen. Apply it to the cloth first.
- Avoid using benzene, thinner, ammonia, or abrasive cleaners, as they can damage the monitor's surface.

6.2 General Care

- Keep the monitor away from direct sunlight, heat sources, and extreme temperatures.
- Avoid placing heavy objects on the monitor or its cables.

- Do not block the ventilation slots on the monitor.

7. Troubleshooting

If you encounter issues with your monitor, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Power	Power cable not connected; Power outlet faulty.	Ensure power cable is securely connected to monitor and outlet. Test outlet with another device.
No Signal / Blank Screen	Video cable not connected; Incorrect input source selected; Computer in sleep mode.	Check video cable connections (HDMI/DP). Select correct input source via OSD. Wake up computer.
Image is blurry or distorted	Incorrect resolution; Cable issue.	Set display resolution to 3840x2160. Try a different video cable.
No Audio from Speakers	Volume too low; Audio output not selected on computer.	Increase monitor volume via OSD. Ensure monitor is selected as audio output device on your computer.

8. Specifications

Feature	Detail
Brand	Thinlerain
Model Number	T-27INCH-4K-60Hz
Screen Size	27 Inches
Resolution	4K UHD (3840 x 2160 Pixels)
Panel Type	IPS Display
Aspect Ratio	16:9
Refresh Rate	60Hz
Brightness	350 cd/m²
Contrast Ratio	1000:1
Viewing Angle	178° (IPS Wide Viewing Angle)
Connectivity	2 x HDMI, 2 x DisplayPort, Audio Out
Built-in Speakers	Yes
VESA Mount	100x100mm
Ergonomics	Tilt: -5° to 15°
Product Dimensions	24.21 x 1.89 x 14.17 inches
Item Weight	13.55 pounds

9. Warranty and Support

This product comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For any questions, technical support, or service inquiries, please contact Thinlerain customer support through the contact information provided in your product documentation or on the official Thinlerain website.
The user manual is included in the box for your reference. Please retain it for future use.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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