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> VINGLI Full Metal Loft Bed Frame with L-Shaped Desk Instruction Manual

VINGLI Full/4 Drawer (B0FM6JKMT9)

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Model: Full/4 Drawer (B0FM6JKMT9)

1. PRODUCT OVERVIEW

The VINGLI Full Metal Loft Bed Frame with L-Shaped Desk is a versatile and space-saving solution designed for bedrooms, dorms, or any area where maximizing vertical space is beneficial. Crafted from 100% solid iron, this bed frame offers robust durability and stability. It integrates a functional L-shaped desk, storage shelves, and drawers, along with modern conveniences like charging stations and adjustable LED lighting.



Image 1.1: Overview of the VINGLI Full Metal Loft Bed Frame with L-Shaped Desk, featuring integrated LED lighting.

Key Features:

- **Robust Construction:** Made entirely from 100% solid iron, supporting up to 450 pounds. Includes a wall-attachment feature for enhanced stability.
- **Enhanced Safety:** Features a 15-inch elevated safety guardrail and non-slip ladder treads with optimized 9.65-inch spacing for secure climbing.
- **Integrated Workspace:** L-shaped desk provides ample space for studying, gaming, or working.
- **Ample Storage:** Includes storage shelves and four drawers for organizing belongings.
- **Convenient Charging:** Equipped with 3 USB ports, 2 AC outlets, and 2 Type-C ports for all electronic devices.
- **Adjustable LED Lighting:** Customizable LED lights with a spectrum of colors, controllable via smartphone, remote, or on/off switch.

2. PRODUCT COMPONENTS

Before beginning assembly, please ensure all components listed below are present and undamaged. If any parts are missing or damaged, please contact VINGLI customer service.

- Bed Frame Sections (Metal)
- Guardrails
- Ladder
- L-Shaped Desk Components
- Storage Shelves
- 4 Drawers (with non-woven fabric components)
- Slat System (Embedded)
- Light Kit (LED strips, power supply, controller)
- Charging Station Unit (USB, AC, Type-C ports)
- All Necessary Hardware (screws, bolts, nuts, etc.)
- Assembly Tools (Allen wrench, etc.)
- Instruction Manual



Image 2.1: Illustration of key structural and safety features.

3. SETUP AND ASSEMBLY

Assembly of the VINGLI Loft Bed Frame is designed to be straightforward, thanks to its ingenious embedded slat design. While the process is simplified, it is highly recommended to have two people for assembly to ensure safety and ease of construction.

Assembly Steps:

1. **Unpack and Identify Parts:** Carefully unpack all components and lay them out. Refer to the included parts list and diagrams to identify each piece.
2. **Assemble Base Frame:** Follow the step-by-step instructions in the separate assembly manual to construct the main bed frame and support structures. Ensure all connections are secure.
3. **Install L-Shaped Desk and Shelves:** Attach the desk and shelf components according to the diagrams. Pay attention to the orientation of the L-shaped desk.
4. **Insert Drawers:** Assemble the four drawers and slide them into their designated compartments.
5. **Attach Ladder and Guardrails:** Securely fasten the ladder and the 15-inch guardrails to the bed frame. Double-check all safety connections.
6. **Install Charging Station:** Mount the charging station unit in the designated location, typically at the head of the bed, and connect its power cable.
7. **Apply LED Lights:** Adhere the LED light strips to the underside of the bed frame and desk area as indicated. Connect the light kit to its power supply and controller.
8. **Secure to Wall (Optional but Recommended):** Utilize the provided wall-attachment feature to anchor the bed frame to a sturdy wall. This significantly enhances stability and prevents tipping.
9. **Final Check:** Before use, ensure all screws, bolts, and connections are tightened. Verify the stability of the entire structure.

For optimal performance, it is recommended to use a mattress with a thickness of no more than 10 inches.

4. OPERATING INSTRUCTIONS

4.1. Charging Stations

The loft bed is equipped with a convenient charging station to power your electronic devices. It includes:

- 2 x 125V/12A AC Outlets
- 3 x 5V/2A USB Ports
- 2 x 5V/2A Type-C Ports

Simply plug your devices into the appropriate ports. Ensure the bed frame is connected to a power source for the charging stations to function.



Image 4.1: Integrated charging ports for various electronic devices.

4.2. LED Lights

The integrated LED lights offer customizable ambiance for your space. They can be controlled using multiple methods:

- **Smartphone App:** Download the designated app (refer to the light kit manual for app name and QR code) to control colors, brightness, timing, and rhythm modes.
- **Remote Control:** Use the included remote control to adjust light settings. Point the remote directly at the LED receiver.
- **On/Off Switch:** A physical switch is provided for basic power control of the LED lights.

Experiment with different colors and modes to personalize your environment.



Image 4.2: Control options for the Smart RGB LED lights.

5. MAINTENANCE

Regular maintenance will help prolong the life and appearance of your VINGLI Loft Bed Frame.

- **Cleaning:** Wipe down metal surfaces and desk areas with a soft, damp cloth. Avoid abrasive cleaners or harsh chemicals that could damage the finish. For fabric drawers, spot clean with a mild detergent if necessary.
- **Tighten Connections:** Periodically check all screws, bolts, and connections to ensure they remain tight. Loose connections can affect stability and safety.
- **Inspect Guardrails and Ladder:** Regularly inspect the guardrails and ladder for any signs of wear or damage. Ensure they are securely attached.
- **Cable Management:** Ensure all power cables for the charging station and LED lights are neatly organized and not pinched or frayed.

6. TROUBLESHOOTING

If you encounter any issues with your loft bed, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
Bed feels wobbly or unstable.	Loose connections; uneven floor; not secured to wall.	Tighten all screws and bolts. Ensure the bed is on a level surface. If not already done, secure the bed to the wall using the provided anti-tipping hardware.
LED lights are not working.	Power issue; remote battery dead; loose connection.	Check if the bed is plugged into a working outlet. Ensure the LED light kit's power supply is connected. Replace remote control batteries. Check all LED strip connections.
Charging ports are not providing power.	Bed not plugged in; faulty outlet; internal wiring issue.	Verify the bed is properly plugged into a live electrical outlet. Test the outlet with another device. If the issue persists, contact customer service.

Problem	Possible Cause	Solution
Drawers are difficult to open/close.	Misaligned; overloaded; obstruction.	Ensure drawers are correctly aligned on their tracks. Do not overload drawers. Check for any obstructions.

If the problem persists after attempting these solutions, please contact VINGLI customer support for further assistance.

7. SPECIFICATIONS

Detailed specifications for the VINGLI Full Metal Loft Bed Frame with L-Shaped Desk:

- **Model:** Full/4 Drawer
- **Color:** White
- **Material:** 100% Solid Iron (Frame), MDF (Desk/Shelves), Non-woven Fabrics (Drawers)
- **Product Dimensions (L x W x H):** 78" x 57" x 72.24"
- **Item Weight:** Approximately 124.6 pounds
- **Weight Capacity:** Up to 450 pounds
- **Guardrail Height:** 15 inches
- **Ladder Spacing:** 9.65 inches (between steps)
- **Charging Ports:** 2 AC Outlets (125V/12A), 3 USB Ports (5V/2A), 2 Type-C Ports (5V/2A)
- **Special Features:** Adjustable LED Lighting, Integrated L-Shaped Desk, Storage Shelves, 4 Drawers, Wall-Attachment Feature.
- **Recommended Mattress Thickness:** No more than 10 inches.

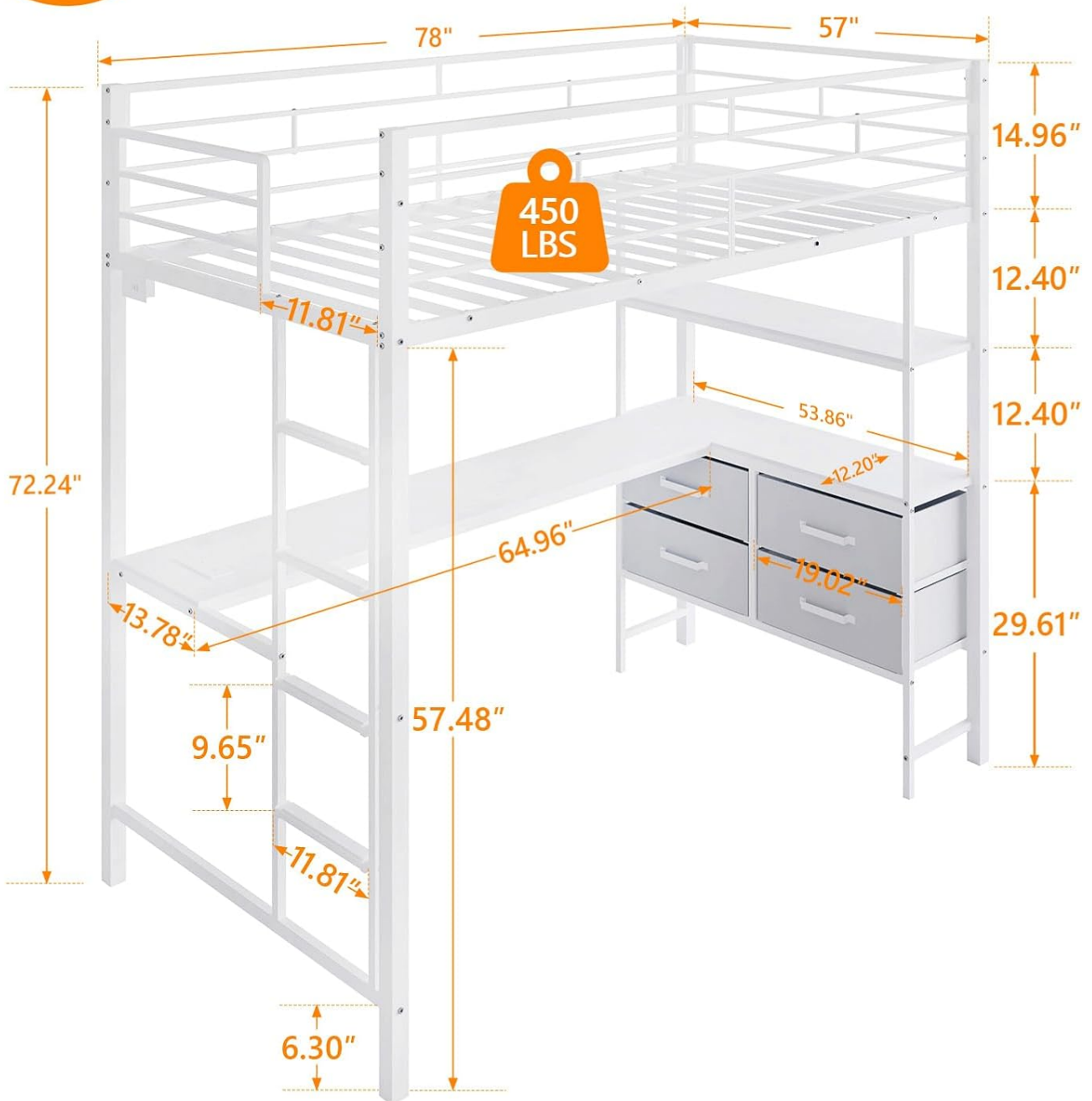


Image 7.1: Product dimensions and key measurements.

8. WARRANTY AND SUPPORT

VINGLI stands behind the quality of its products. This loft bed frame comes with **2-Year Quality Warranty** from the date of purchase.

The warranty covers manufacturing defects and issues arising from normal use. It does not cover damage caused by misuse, improper assembly, accidents, or unauthorized modifications.

Important Safety Tip: Do not jump off/on or hang from this bed.

Customer Support:

For warranty claims, technical assistance, or any questions regarding your VINGLI Full Metal Loft Bed Frame, please contact our customer service team. We are committed to providing exceptional customer service.

Please have your purchase receipt and product model information (Full/4 Drawer, ASIN: B0FM6JKMT9) ready when contacting support.

Contact information can typically be found on the VINGLI official website or through your retailer's customer service portal.

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