

## Ilano V12

# Ilano Gaming Laptop Cooler V12 Instruction Manual

**Brand:** Ilano

**Model:** V12

## INTRODUCTION

The Ilano Gaming Laptop Cooler V12 is designed to provide efficient cooling for gaming laptops ranging from 15 to 21 inches. It features a powerful 5.5-inch turbo fan, adjustable fan speed with an LED display, and enhanced dust protection to maintain optimal performance and extend your device's lifespan. This manual provides detailed instructions for setting up, operating, and maintaining your laptop cooler.

### Key Features:

- **Powerful Cooling Performance:** Equipped with a robust 5.5-inch (14CM) turbo external fan for rapid CPU and GPU temperature reduction.
- **Enhanced Dust Protection:** Features an advanced dust filter and engineered structure to prevent dust intrusion, with an additional dust filter included.
- **Custom Controls & LED Display:** Real-time LED display shows fan speed, with touch-sensitive buttons for instant adjustments.
- **Universal Compatibility:** Supports gaming laptops from 15 to 21 inches.
- **Sturdy Design & Ergonomic Height Adjustment:** Double non-slip baffles secure the laptop, and adjustable height reduces neck strain.
- **Integrated USB Hub:** Includes a 3-port USB-A hub for connecting peripherals.

## PACKAGE CONTENTS

Before you begin, please ensure all items are present in the package:

- 1x Ilano Gaming Laptop Cooler V12
- 1x 31x14-inch Mouse Pad
- 1x 36W Power Adapter
- 1x Dust Filter (plus 1 additional)
- 1x USB-A to C Cable

### 1. 1. Position the Cooler:

Place the Ilano Gaming Laptop Cooler V12 on a stable, flat surface. Ensure there is adequate space around the cooler for proper airflow.



Image: The Ilano Gaming Laptop Cooler V12 with a laptop placed on top, demonstrating its use on a flat surface.

### 2. 2. Adjust Height (Optional):

The cooler features adjustable feet at the rear. Flip these feet out to raise the cooler to your desired ergonomic height. This can help reduce neck strain during extended use.

## A Smart Investment for Extended Laptop Use

|   |  |
|---|--|
|    |    |
| <b>llano</b>  | Other  |
| <b>5.5inch</b>  | <b>Turbo Fan Size</b> 2 inch   |
| <b>2800</b>   | <b>Max RPM</b> 1000  |
| <b>50,000 Hours</b>   | <b>Life Span</b> 5,000 Hours   |
| <b>111°F Drop in 90s</b>  | <b>Cooling Performance</b> 41°F in 120s  |
| <b>15-21 inch</b>   | <b>Compatibility</b> 12-14 inch  |
| <b>Adjustable</b>   | <b>Noise Level</b> Limited   |
|  | <b>USB hub &amp; Adjustable Height</b>  |

Image: Side view of the cooler showing the adjustable feet extended to elevate the laptop for better ergonomics.

### 3. 3. Place Your Laptop:

Carefully place your laptop onto the cooler. The memory foam frame around the fan opening ensures a snug fit and directs airflow efficiently. Extend the double non-slip baffles at the front of the cooler to securely hold your laptop in place, preventing it from sliding.



Image: A laptop resting on the cooler, highlighting the foam frame that creates a seal for direct airflow.

#### 4. **4. Connect Power:**

Connect the provided 36W Power Adapter to the DC 12V input port on the side of the cooler. Plug the adapter into a power outlet. The cooler requires external power to operate.



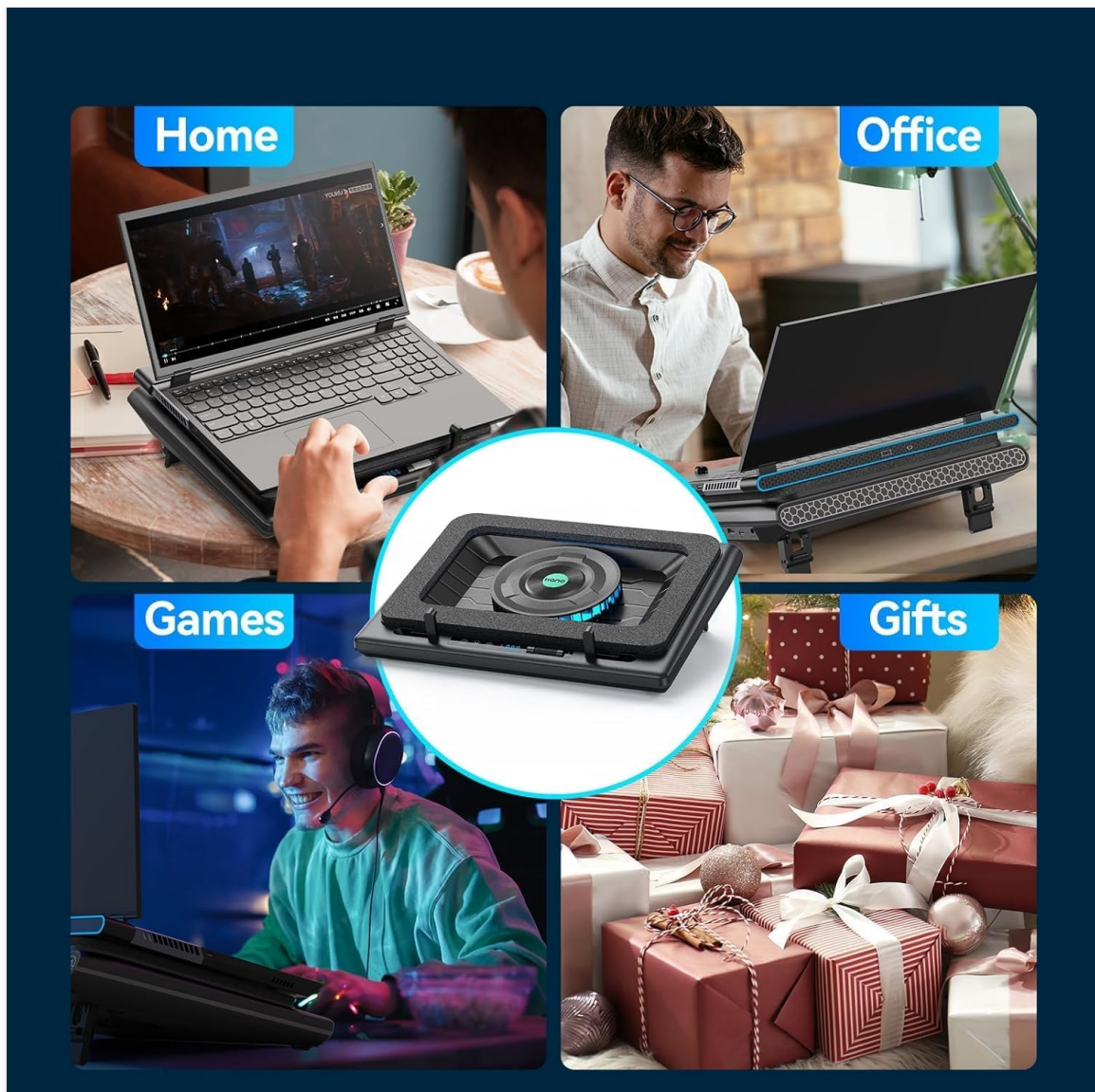


Image: A close-up view of the side panel showing the DC 12V power input and USB ports.

## 5. 5. Connect to Laptop (Optional for USB Hub):

If you wish to use the integrated 3-port USB-A hub, connect the provided USB-A to C Cable from the "IN" USB-C port on the cooler to an available USB port on your laptop.

## OPERATING INSTRUCTIONS

### 1. 1. Power On/Off:

Locate the touch-sensitive power button on the front control panel. Press and hold the power button for approximately 2-3 seconds to turn the cooler ON or OFF. The LED display will illuminate when the cooler is active.

# High-Definition LED Display

Visualization design, real-time display of rotational speed and all operations



Image: The front control panel of the cooler, showing the power button, LED fan speed display, and fan speed adjustment dial.

## 2. Adjust Fan Speed:

Use the scroll wheel on the control panel to adjust the fan speed. The LED display will show the current RPM (rotations per minute). The fan speed can be adjusted from 300 RPM to 2800 RPM. Adjust the speed to balance cooling efficiency with noise levels according to your preference.

## 3. RGB Lighting (V12 Model):

The V12 model features RGB lighting. Use the dedicated button on the control panel to cycle through different lighting modes and colors. Refer to the LED display for visual confirmation of selected modes.

## 4. Using the USB Hub:

The three USB-A output ports (OUT1, OUT2, OUT3) can be used to connect external devices such as a mouse, keyboard, or external hard drive. Ensure the cooler is connected to your laptop via the USB-A to C cable for the hub to function.

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Video: Official Ilano Gaming Laptop Cooler demonstration, showcasing features and operation.

## MAINTENANCE

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### 1. 1. Dust Filter Cleaning:

The Ilano Gaming Laptop Cooler V12 is equipped with a detachable dust filter to prevent dust accumulation in the fan and your laptop. Regularly inspect the dust filter for buildup.



Image: An illustration showing the detachable dust cover and dust-proof cotton filter for easy cleaning.

### 2. 2. Removing the Filter:

To remove the dust filter, gently unclip the dust cover from the bottom of the cooler. Then, carefully remove the dust-proof cotton filter. Both components are detachable for easy cleaning.

### 3. 3. Cleaning and Replacement:

Clean the dust filter by gently tapping it or using a soft brush to remove accumulated dust. If the filter is heavily soiled or damaged, replace it with the additional dust filter provided in your package.

Ensure the filter is dry before reinserting.

## TROUBLESHOOTING

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### • Fan Not Turning On:

Ensure the 36W Power Adapter is securely connected to both the cooler's DC 12V input and a working power outlet. Press and hold the power button for 2-3 seconds to activate the cooler.

• **Poor Cooling Performance:**

Check if the dust filter is clean and free from obstructions. Ensure your laptop's intake vents are aligned with the cooler's fan. Increase the fan speed using the scroll wheel on the control panel. Verify that the non-slip baffles are extended to create a proper seal between the laptop and the cooler.

• **USB Ports Not Functioning:**

Confirm that the USB-A to C cable is correctly connected from the cooler's "IN" USB-C port to an available USB port on your laptop. Ensure the cooler itself is powered on.

SPECIFICATIONS

| Feature            | Detail  |
|--------------------|---|
| Product Dimensions | 12"L x 2.7"W x 16"H (30.48 cm x 6.86 cm x 40.64 cm) |
| Item Weight        | 5.59 pounds (2.54 Kilograms)                        |
| Model Number       | V12   |
| Brand              | Ilano   |
| Material           | Acrylonitrile Butadiene Styrene (ABS)               |
| Fan Size           | 5.5-inch (14CM) Turbo Fan                           |
| Fan Speed Range    | 300 - 2800 RPM                                      |
| Compatibility      | 15 to 21-inch Laptops                               |
| USB Ports          | 3x USB-A Output, 1x USB-C Input                     |
| Power Input        | DC 12V (36W Power Adapter included)                 |

WARRANTY AND SUPPORT

Ilano is committed to providing high-quality products and excellent customer service. Your Ilano Gaming Laptop Cooler V12 comes with the following:

- **180-Day Quality Guarantee:** For manufacturing defects or performance issues.
- **Lifetime Technical Help:** Dedicated support for any technical queries or assistance.
- **30-Day Free Returns:** Hassle-free returns within 30 days of purchase.
- **24/7 Fast Support:** Access to customer support around the clock.

For further assistance or to claim warranty, please contact Ilano customer support through the official website or your purchase platform.



