

ASUS 90AI00E0-P00010

# ASUS AeroActive Cooler 6 User Manual

Model: 90AI00E0-P00010

## 1. INTRODUCTION

The ASUS AeroActive Cooler 6 is an advanced cooling accessory designed specifically for the ROG Phone 6. It integrates an AI-powered thermoelectric cooler and a high-efficiency fan to significantly reduce the surface temperature of the phone, particularly around the CPU hotspot. This accessory also features two physical buttons, enhancing the gaming experience by providing a console-like control interface.



Figure 1.1: Front view of the ASUS AeroActive Cooler 6, showcasing its design and integrated RGB lighting.

## 2. WHAT'S IN THE BOX

Upon unboxing your ASUS AeroActive Cooler 6, please ensure all the following items are present:

- ASUS AeroActive Cooler 6 unit



Figure 2.1: The ASUS AeroActive Cooler 6 alongside its retail packaging.

### 3. SETUP AND INSTALLATION

Follow these steps to properly attach the AeroActive Cooler 6 to your ROG Phone 6:

1. Ensure your ROG Phone 6 is clean and free of debris on its back surface.
2. Align the AeroActive Cooler 6 with the back of your ROG Phone 6, ensuring the USB-C connector on the cooler aligns with the side-mounted USB-C port on the phone.
3. Gently push the cooler onto the phone until it securely clicks into place. The cooler is designed to fit snugly and provide optimal contact for cooling.
4. Verify that the cooler is firmly attached and does not wobble.



Figure 3.1: The AeroActive Cooler 6 correctly installed on the ROG Phone 6.

## 4. OPERATING THE AEROACTIVE COOLER 6

The AeroActive Cooler 6 enhances your gaming experience through active cooling and additional controls.

### 4.1 Cooling Functionality

Once attached, the cooler automatically activates, utilizing its AI-powered thermoelectric cooling system and integrated fan to draw heat away from the phone's hot-spots. This can reduce surface temperatures by up to 25°C, maintaining optimal performance during extended gaming sessions. The fan operates at a low noise level of 15 dB.

### 4.2 Physical Buttons

The cooler features two additional physical buttons, providing a tactile and responsive control experience similar to a game console. These buttons can be mapped to in-game actions via the ROG Phone's software settings.

### 4.3 X Mode+ Performance Boost

The AeroActive Cooler 6 is designed to unleash the X Mode+ performance boost on your ROG Phone 6. When the

cooler is attached and active, the phone can sustain higher performance levels without thermal throttling.

#### 4.4 Fold-out Tripod

For hands-free viewing or gaming, the AeroActive Cooler 6 includes a convenient fold-out tripod stand. To deploy, locate the stand at the bottom of the cooler and gently pull it outwards until it locks into position. This allows the phone to stand upright on a flat surface.



Figure 4.1: The AeroActive Cooler 6 with its integrated fold-out tripod deployed, supporting the ROG Phone 6.

## 5. CARE AND MAINTENANCE

To ensure the longevity and optimal performance of your AeroActive Cooler 6, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the cooler. For stubborn dust, especially around the fan vents, use a can of compressed air. Do not use liquid cleaners or abrasive materials.
- **Storage:** When not in use, store the cooler in a cool, dry place away from direct sunlight and extreme temperatures.

- **Handling:** Avoid dropping the cooler or subjecting it to strong impacts, as this may damage internal components.

## 6. TROUBLESHOOTING

If you encounter issues with your AeroActive Cooler 6, please refer to the following common problems and solutions:

- **Cooler not activating:**
  - Ensure the cooler is securely attached to the ROG Phone 6 and the USB-C connector is fully engaged.
  - Restart your ROG Phone 6.
  - Check for any software updates for your ROG Phone 6 or the Armoury Crate application, as these may affect cooler functionality.
- **Physical buttons not responding:**
  - Verify that the cooler is properly connected.
  - Check the button mapping settings within the Armoury Crate application on your ROG Phone 6.
  - Ensure the game you are playing supports external controller input or has customizable controls.
- **Reduced cooling performance:**
  - Ensure the fan vents are not obstructed by dust or debris. Clean them as described in the Maintenance section.
  - Confirm that the cooler is making full contact with the phone's back surface.
  - Operating in extremely hot environments may limit cooling effectiveness.

If the issue persists after attempting these solutions, please contact ASUS customer support.

## 7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	90AI00E0-P00010
Product Dimensions	6"L x 1.61"W x 3.74"H (15.24 x 4.09 x 9.5 cm)
Weight	2.82 ounces (80 grams)
Compatible Devices	ROG Phone 6
Cooling Method	Air (Thermoelectric AI supported system)
Noise Level	15 dB
Power Connector Type	USB
Voltage	5 Volts (DC)
Wattage	6 watts
Material	Acrylonitrile Butadiene Styrene (ABS)
Maximum Rotational Speed	100 RPM

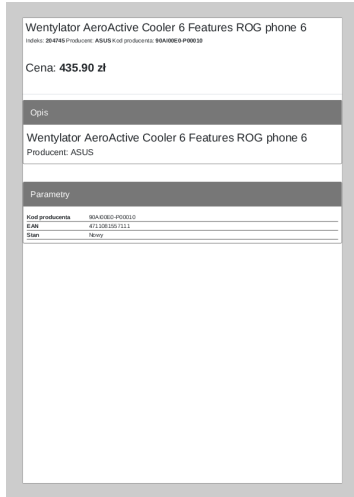


## 8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your ROG Phone 6 or visit the official ASUS support website. Keep your proof of purchase for warranty claims.

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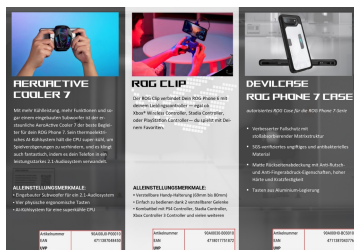
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