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› **be quiet! Pure Rock 2 FX CPU Cooler Instruction Manual**

be quiet! BK033

be quiet! Pure Rock 2 FX CPU Cooler Instruction Manual

Model: BK033

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1. INTRODUCTION

The be quiet! Pure Rock 2 FX CPU Cooler (Model: BK033) is designed to provide high cooling efficiency and quiet operation for multimedia and gaming systems. It features vibrant ARGB illumination and is compatible with a wide range of Intel and AMD sockets.

Image: The be quiet! Pure Rock 2 FX CPU Cooler featuring its illuminated ARGB fan and black heatsink design.

2. Package Contents

Please ensure all components are present before beginning installation:

- be quiet! Pure Rock 2 FX CPU Cooler
- Light Wings 120mm PWM high-speed fan
- Mounting brackets for Intel (1700 / 1200 / 2066 / 1150 / 1151 / 1155 / 2011-3 Square ILM)
- Mounting brackets for AMD (AM5 / AM4)
- Thermal paste
- Installation manual

Image: A complete overview of all parts included in the be quiet! Pure Rock 2 FX CPU Cooler package, including the heatsink, fan, mounting hardware, and manual.

3. SPECIFICATIONS

Feature	Detail
Model	BK033
TDP Cooling Efficiency	150W
Fan Model	Light Wings 120mm PWM high-speed
Fan Speed (100% PWM)	2000 RPM
Noise Level	24.4 Decibels
Heatpipes	4 x 6mm high-performance copper heatpipes with HDT technology
Fin Material	Aluminum
Base Material	Copper
Surface Treatment	Electrophoresis (Black)
Socket Compatibility Intel	1700 / 1200 / 2066 / 1150 / 1151 / 1155 / 2011-3 Square ILM
Socket Compatibility AMD	AM5 / AM4
Product Dimensions (LxWxH)	3.43 x 4.76 x 6.1 inches
Item Weight	1.51 pounds

4. INSTALLATION

The installation process varies slightly depending on your CPU socket type (AMD or Intel). Please follow the instructions carefully for your specific platform.

4.1. General Preparation

- Ensure your system is powered off and unplugged.
- Remove your existing CPU cooler.
- Clean any old thermal paste from your CPU's integrated heat spreader (IHS) using isopropyl alcohol and a lint-free cloth.

4.2. AMD AM4 / AM5 Installation

For AMD AM4/AM5 sockets, the existing motherboard backplate is utilized. Remove the plastic retention brackets around the CPU socket, but keep the metal backplate attached to the motherboard.

1. Install the four plastic standoffs onto the motherboard's CPU socket holes.
2. Place the two metal AM4/AM5 brackets onto the plastic standoffs, ensuring correct orientation.
3. Secure the metal brackets with the four provided AM4/AM5 screws. Tighten them evenly in a cross pattern until snug.
4. Apply a small amount of thermal paste to the center of your CPU's IHS.
5. Remove the protective film from the heatsink base.
6. Carefully place the heatsink onto the CPU, aligning the mounting nuts with the screws on the brackets.
7. Using the provided screwdriver, tighten the mounting nuts evenly in a cross pattern until the heatsink is securely mounted.
8. Attach the Light Wings 120mm fan to the heatsink using the included fan clips. Ensure the fan is oriented to push air through the heatsink towards the rear of the case.
9. Connect the 4-pin PWM fan cable to the CPU_FAN header on your motherboard.
10. Connect the 3-pin ARGB cable to a compatible 5V ARGB header on your motherboard.

Your browser does not support the video tag.

Video: Installation guide for the be quiet! Pure Rock 2 CPU Cooler (base model). The mounting steps for the heatsink and fan are generally applicable to the Pure Rock 2 FX model.

4.3. Intel LGA 1700 / 1200 / 115x Installation

For Intel sockets, you will use the provided Intel backplate and mounting hardware.

1. Adjust the mounting hole position on the Intel backplate to match your CPU socket (e.g., LGA 1700).
2. Place the Intel backplate on the backside of your motherboard, aligning the holes with the CPU socket.
3. Install the four plastic standoffs onto the motherboard's CPU socket holes, screwing them into the backplate.
4. Place the two metal Intel brackets onto the plastic standoffs, ensuring correct orientation.
5. Secure the metal brackets with the four provided Intel screws. Tighten them evenly in a cross pattern until snug.
6. Apply a small amount of thermal paste to the center of your CPU's IHS.
7. Remove the protective film from the heatsink base.
8. Carefully place the heatsink onto the CPU, aligning the mounting nuts with the screws on the brackets.
9. Using the provided screwdriver, tighten the mounting nuts evenly in a cross pattern until the heatsink is securely mounted.
10. Attach the Light Wings 120mm fan to the heatsink using the included fan clips. Ensure the fan is oriented to

push air through the heatsink towards the rear of the case.

11. Connect the 4-pin PWM fan cable to the CPU_FAN header on your motherboard.

12. Connect the 3-pin ARGB cable to a compatible 5V ARGB header on your motherboard.

Your browser does not support the video tag.

Video: Installation guide for the be quiet! Pure Rock 2 CPU Cooler (base model). The mounting steps for the heatsink and fan are generally applicable to the Pure Rock 2 FX model.

5. OPERATING INSTRUCTIONS

5.1. Fan Control

The Light Wings 120mm PWM fan is connected to your motherboard's CPU_FAN header. Fan speed can be controlled via your motherboard's BIOS/UEFI settings or through compatible software provided by your motherboard manufacturer. It is recommended to set a fan curve that balances cooling performance with noise levels.

5.2. ARGB Lighting Control

The ARGB lighting of the Light Wings fan is controlled via your motherboard's 5V ARGB header. Use your motherboard's RGB software (e.g., ASUS Aura Sync, MSI Mystic Light, Gigabyte RGB Fusion, ASRock Polychrome Sync) to customize lighting effects, colors, and synchronization with other ARGB components.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your CPU cooler.

- **Dust Removal:** Periodically clean dust from the heatsink fins and fan blades using compressed air or a soft brush. Ensure the fan is not spinning during cleaning.
- **Fan Inspection:** Check the fan for any signs of wear, damage, or excessive noise. Replace the fan if necessary.
- **Thermal Paste:** While not frequently required, if you remove the heatsink for any reason, clean off the old thermal paste and apply a fresh layer before reinstallation.

7. TROUBLESHOOTING

If you encounter issues with your CPU cooler, refer to the following common solutions:

- **High CPU Temperatures:**

  - Ensure the heatsink is securely mounted and making good contact with the CPU.
  - Verify that thermal paste was applied correctly and evenly.
  - Check fan speed settings in BIOS/UEFI; ensure the fan is spinning at an appropriate speed.
  - Clean any dust buildup from the heatsink fins and fan blades.
  - Ensure adequate airflow within your PC case.

- **Fan Not Spinning/No ARGB Lighting:**

  - Check that the 4-pin PWM fan cable is securely connected to the CPU_FAN header.
  - Verify that the 3-pin ARGB cable is securely connected to a compatible 5V ARGB header.
  - Ensure ARGB lighting is enabled and configured correctly in your motherboard's software/BIOS.
  - Inspect cables for any damage.

- **Excessive Fan Noise:**

  - Adjust fan speed settings in BIOS/UEFI to a lower RPM if temperatures allow.
  - Check for any obstructions or loose cables hitting the fan blades.
  - Ensure the fan is securely mounted and not vibrating.

8. WARRANTY & SUPPORT

be quiet! products are covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your package or visit the official be quiet! website. For technical support, product registration, or further assistance, please visit the be quiet! Store on Amazon or their official support channels.