

be quiet! Pure Rock Slim 3

be quiet! Pure Rock Slim 3 CPU Cooler Instruction Manual

Model: Pure Rock Slim 3 (BK047)

Brand: be quiet!

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your be quiet! Pure Rock Slim 3 CPU Cooler. The Pure Rock Slim 3 is a compact and efficient CPU cooler designed for systems with limited space. It features a 100mm PWM fan, three high-performance heat pipes, and an asymmetric design for optimal compatibility and quiet operation. Please read this manual carefully before proceeding with installation to ensure proper setup and performance.

SAFETY INFORMATION

- Always disconnect your computer from the power supply before installing or performing maintenance on any internal components.
- Handle the CPU cooler and other components with care to avoid damage.
- Be aware of static electricity. Consider using an anti-static wrist strap or grounding yourself before handling components.
- Keep small parts and packaging materials away from children.
- Ensure proper ventilation in your PC case to prevent overheating.

PACKAGE CONTENTS

Verify that all components are present in your package:

- be quiet! Pure Rock Slim 3 CPU Cooler with pre-applied thermal paste
- Mounting kit for Intel sockets (LGA 1851/1700)

- Mounting kit for AMD sockets (AM5/AM4)
- User Manual

SETUP AND INSTALLATION

The Pure Rock Slim 3 is designed for an intuitive, almost screw-less installation process. Please follow these steps carefully:

1. Prepare Your Motherboard

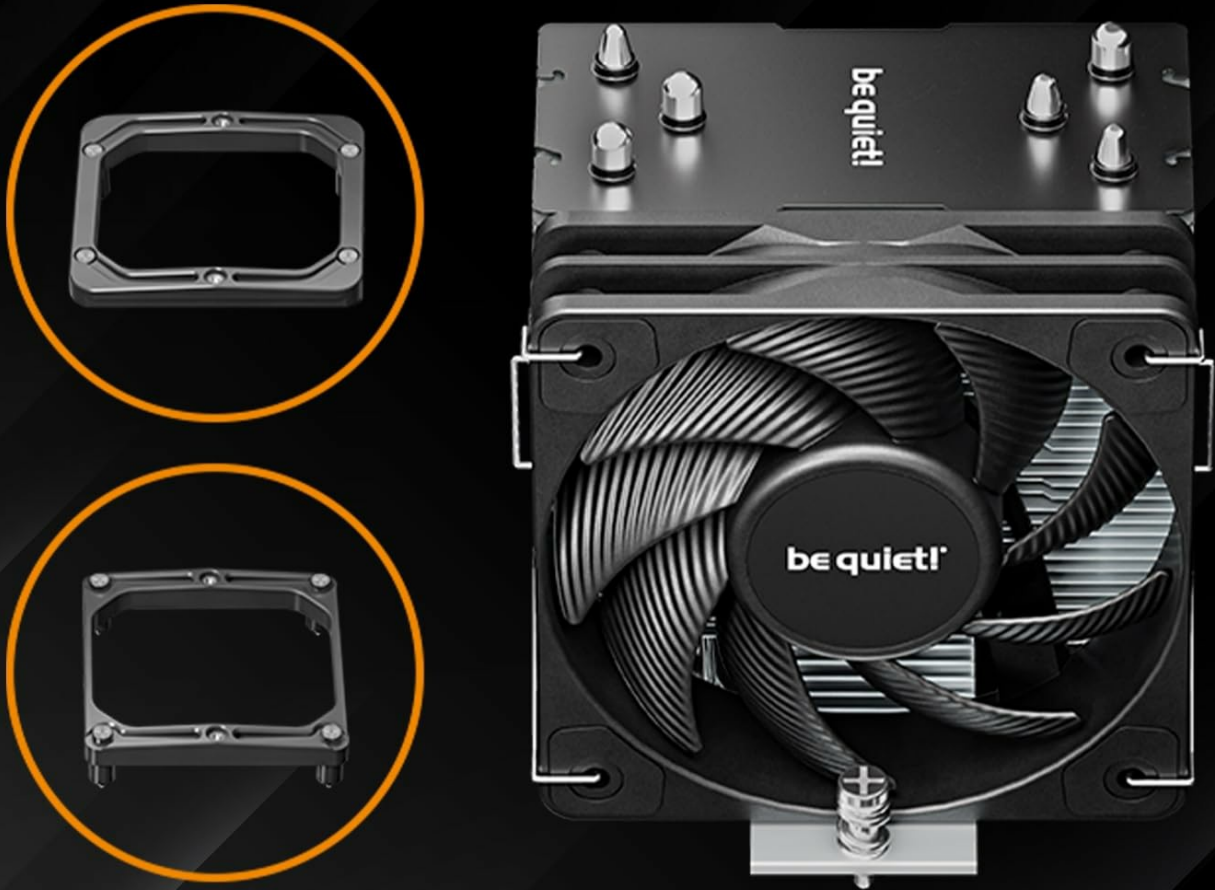
1. Ensure your CPU is correctly seated in its socket.
2. Clean any old thermal paste from the CPU surface if you are replacing an existing cooler. The Pure Rock Slim 3 comes with pre-applied thermal paste.
3. Identify your CPU socket type (Intel LGA 1851/1700 or AMD AM5/AM4) to select the correct mounting hardware.

2. Install Mounting Brackets

Attach the appropriate mounting brackets to your motherboard according to your CPU socket type. Refer to the diagrams in the included physical manual for specific placement. The design allows for flexible installation, ensuring compatibility with various memory modules.

SYSTÈME DE MONTAGE CONVIVIAL

Installation intuitive



This image displays the Pure Rock Slim 3 cooler alongside its dedicated mounting brackets, emphasizing the user-friendly installation system for both Intel and AMD platforms.

3. Mount the Cooler

1. Carefully place the Pure Rock Slim 3 cooler onto the CPU, aligning it with the installed mounting brackets. The cooler comes with thermal paste pre-applied to its base.
2. Secure the cooler using the provided screws or clips, tightening them evenly to ensure firm contact with the CPU.

REFROIDISSEMENT COMPACT ET SILENCIEUX

Permet l'utilisation de tout type de barrettes mémoire



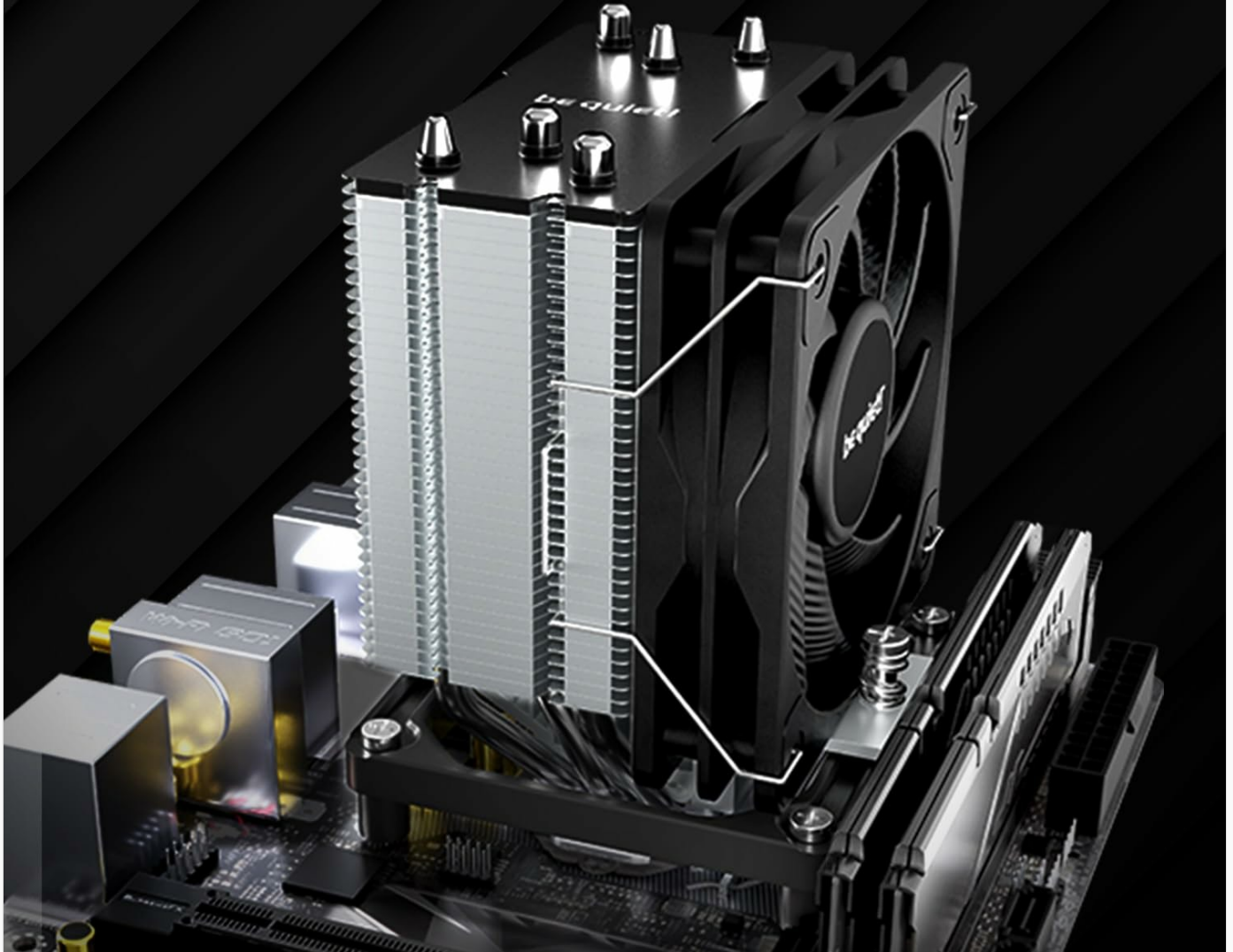
This image illustrates the Pure Rock Slim 3 CPU cooler mounted within a computer case, showcasing its slim profile which allows for compatibility with various memory modules.

4. Connect the Fan

1. Connect the 4-pin PWM fan cable from the Pure Rock Slim 3 to the CPU_FAN header on your motherboard.
2. Ensure the cable is routed neatly and does not obstruct airflow.

CONTRÔLE DE LA VITESSE VIA PWM

Ausgewogene Kühlung und leiser Betrieb



The cooler is shown installed on a motherboard, illustrating its integration and the functionality of its PWM controlled fan for balanced cooling and quiet operation.

Key Features for Installation:

- **Compact Design:** Ideal for cases with limited space, offering high flexibility during installation.
- **High-Performance Heat Pipes:** Three nickel-plated heat pipes efficiently dissipate heat.



CALODUCS HAUTE PERFORMANCE

3 caloducs HDT de 6 mm plaqués nickel

A detailed view of the cooler's three high-performance, nickel-plated heat pipes, designed to efficiently transfer heat away from the CPU.



VENTILATEUR 100 MM be quiet!

Fonctionnement silencieux - 24,8 dB(A) max

A clear view of the 100mm be quiet! PWM fan, which provides quiet and efficient cooling for the CPU.

OPERATING INSTRUCTIONS

Once installed, the be quiet! Pure Rock Slim 3 operates automatically, controlled by your motherboard's PWM signal. For optimal performance and quiet operation:

- Ensure your motherboard's BIOS/UEFI settings are configured for PWM fan control to allow dynamic fan speed adjustment based on CPU temperature.
- Monitor CPU temperatures using system monitoring software to ensure they remain within safe operating limits, especially under load.
- Maintain good airflow within your PC case by ensuring other case fans are properly installed and configured.

MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your CPU cooler:

- **Dust Removal:** Periodically clean the fan blades and heatsink fins using compressed air or a soft brush. Ensure the fan is not spinning during cleaning.
- **Thermal Paste:** The pre-applied thermal paste is designed for long-term use. However, if you remove the cooler for any reason, it is recommended to clean off the old paste and apply new thermal paste before re-installation.
- **Fan Inspection:** Check the fan for any signs of wear or unusual noise. If the fan becomes excessively noisy or stops working, it may need replacement.

TROUBLESHOOTING

If you encounter issues with your Pure Rock Slim 3 CPU cooler, consider the following:

- **High CPU Temperatures:**
 - Ensure the cooler is securely mounted and making good contact with the CPU.
 - Verify that the fan is spinning and connected correctly to the CPU_FAN header.
 - Check for dust buildup on the heatsink fins and fan blades.
 - Confirm that your PC case has adequate airflow.
- **Excessive Fan Noise:**
 - Check for any cables or obstructions hitting the fan blades.
 - Ensure the fan is securely attached to the heatsink.
 - Adjust fan speed curves in your motherboard's BIOS/UEFI settings for quieter operation if temperatures allow.
- **Compatibility Issues:**
 - **Important Note:** The be quiet! Pure Rock Slim 3 is compatible with Intel sockets LGA 1851/1700 and AMD sockets AM5/AM4. It is **not** compatible with Intel LGA 1151. Please verify your motherboard's socket type before purchase and installation.

SPECIFICATIONS

Feature	Specification
Model	Pure Rock Slim 3 (BK047)
TDP (Thermal Design Power)	130 W
Fan Size	100 mm PWM
Heat Pipes	3 nickel-plated
Noise Level (max)	24.8 dB(A)
Max Fan Speed	1700 RPM
Airflow Capacity	60.3 CFM (Cubic Feet per Minute)
Compatible Intel Sockets	LGA 1851, LGA 1700
Compatible AMD Sockets	AM5, AM4

Power Connector	4-pin
Voltage	12 Volts
Power Consumption	2.77 Watts

WARRANTY AND SUPPORT

be quiet! products are manufactured to the highest quality standards. For detailed warranty information, please refer to the warranty card included with your product or visit the official be quiet! website. If you encounter any issues or require technical assistance, please contact be quiet! customer support through their official channels.

Online Support: www.bequiet.com/en/support

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