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**be quiet! BGW66**

# be quiet! Light Base 600 DX PC Case Instruction Manual

Model: Light Base 600 DX (BGW66)

Brand: be quiet!

## 1. INTRODUCTION

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The be quiet! Light Base 600 DX PC Case is designed for enthusiasts seeking a highly customizable and visually striking enclosure for their computer components. Featuring large window panels, extensive ARGB lighting, and flexible layout options, this case provides both aesthetic appeal and robust functionality. This manual provides essential information for setup, operation, and maintenance to ensure optimal performance and longevity of your PC case.

## 2. SAFETY INFORMATION

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- Always disconnect the power supply from the wall outlet before performing any installation or maintenance.
- Handle tempered glass panels with care to prevent breakage.
- Avoid exposing the case to extreme temperatures or humidity.
- Keep small components and screws away from children.
- Ensure proper grounding to prevent electrical hazards.

## 3. PACKAGE CONTENTS

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Please verify that all components listed below are present in your package:

- Light Base 600 DX PC Case
- Accessory Box (screws, cable ties, standoffs)
- Flexible Graphics Card Holder
- User Manual

## 4. SETUP INSTRUCTIONS

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### 4.1 Case Layout Customization

The Light Base 600 DX offers versatile layout options, including inverted and horizontal configurations, thanks to its removable feet. To change the layout:

1. Carefully remove the existing feet by unscrewing them.
2. Reattach the feet to the desired orientation (inverted or horizontal).
3. Ensure all feet are securely fastened before placing the case.

*Video: be quiet! Light Base 600 Product Overview*

Your browser does not support the video tag.

This video provides a general overview of the Light Base 600 series, showcasing its design and key features, including layout flexibility and ARGB lighting.

## 4.2 Motherboard Installation

The motherboard tray supports ATX motherboards and is compatible with backside connector designs (e.g., Asus BTF, MSI Project Zero, Gigabyte Project Stealth) for a clean, wire-free appearance.

- Install the necessary standoffs onto the motherboard tray according to your motherboard's form factor.
- Carefully place your motherboard onto the standoffs and secure it with screws.

## 4.3 Power Supply Unit (PSU) Installation

The case features a 2-chamber design, with the PSU mounted at the rear for optimized airflow and cable management.

1. Slide the PSU into its designated compartment at the rear of the case.
2. Secure the PSU with screws from the exterior of the case.

## 4.4 Fan and Radiator Installation

The Light Base 600 DX supports up to 10 fans and multiple radiators for extensive cooling capabilities.

- **Top/Bottom:** Accommodates up to two 360mm radiators.
- **Side:** Supports an additional 240mm radiator.
- Connect fans to the 2 ARGB and PWM hubs (12 ports total) located at the top and bottom of the case.



Image showing the internal structure of the Light Base 600 DX, highlighting various mounting points for fans and radiators, including support for up to two 360mm radiators.

## 4.5 Graphics Card Installation

The case includes a flexible graphics card holder to prevent GPU sag, compatible with both horizontal and vertical GPU installations.

1. Install your graphics card into the appropriate PCIe slot on the motherboard.
2. Adjust and secure the flexible graphics card holder to provide support for your GPU.



Close-up image illustrating the flexible graphics card holder in action, providing stable support for a vertically or horizontally mounted GPU.

## 4.6 Cable Management

The 2-chamber design allows for drives and cables to be cleverly mounted at the rear, ensuring strong airflow and a tidy interior.

- Utilize the integrated cable routing channels and Velcro straps behind the motherboard tray.
- Connect all necessary power and data cables, ensuring they are neatly routed and secured.

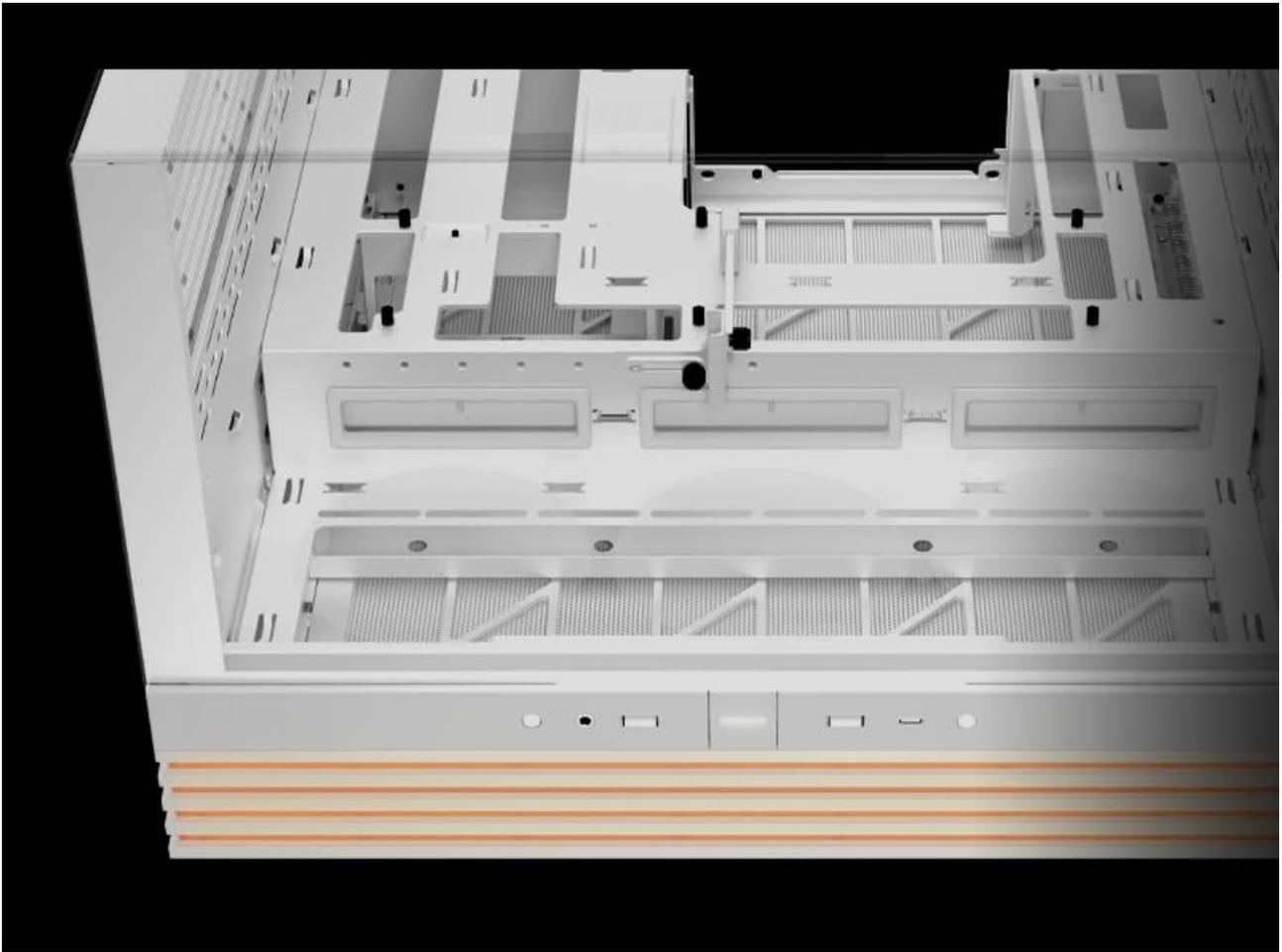


Image displaying the backside of the motherboard tray, highlighting the cable management features and compatibility with backside connector motherboards.

## 5. OPERATING INSTRUCTIONS

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### 5.1 ARGB LED Control

The case features a massive ARGB LED strip visible from all angles. Control the lighting effects and synchronize them with your motherboard using the integrated ARGB controller or compatible motherboard software.



Image showcasing the prominent ARGB LED strip on the front and side of the Light Base 600 DX, illustrating its visual impact.

## 5.2 Layout Adjustment

The removable feet allow for quick inversion or horizontal positioning of the case. Refer to Section 4.1 for detailed instructions on adjusting the case layout.

*Video: be quiet! Light Base 900 Series Overview*

Your browser does not support the video tag.

This video demonstrates the features of the Light Base 900 series, including the flexible layout options (inverted and horizontal) which are also present in the 600 DX model.

## 6. MAINTENANCE

### 6.1 Dust Filter Cleaning

Regularly clean the dust filters to maintain optimal airflow and prevent dust buildup inside the case. The Light Base 600 DX features easily accessible dust filters.

- Locate the dust filters (e.g., bottom, front, top).

- Carefully remove the filters.
- Clean them with compressed air or rinse with water (ensure they are completely dry before reinstallation).
- Reinstall the dust filters securely.

## 7. TROUBLESHOOTING

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- **No Power:** Ensure all power cables (24-pin ATX, CPU, GPU, SATA) are securely connected. Check PSU switch and wall outlet.
- **Fans Not Spinning/ARGB Not Working:** Verify fan and ARGB cables are correctly connected to the motherboard or integrated hubs. Check motherboard software settings.
- **Overheating:** Ensure proper fan orientation for optimal airflow. Check for dust buildup on filters and components. Verify CPU cooler and GPU fans are functioning correctly.
- **GPU Sag:** Adjust the flexible graphics card holder to provide adequate support.

## 8. SPECIFICATIONS

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Feature	Detail
Model Name	Light Base 600 DX
Item Model Number	BGW66
Dimensions (LxWxH)	20.47 x 21.65 x 15.35 inches
Item Weight	13.2 pounds (6 Kilograms)
Material	Alloy Steel, Tempered Glass
Motherboard Compatibility	ATX (supports backside connector designs)
Cooling Method	Air
Radiator Support	Top: Up to 360mm (x2), Side: Up to 240mm
Fan Support	Up to 10 fans
ARGB/PWM Hubs	2 hubs with 12 ports total
Graphics Card Holder	Flexible, supports all orientations

## 9. WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the official be quiet! website or contact their customer service directly. Keep your proof of purchase for warranty claims.

**Online Resources:** [Visit the be quiet! Store on Amazon](#)

