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be quiet! Light Base 900 DX

be quiet! Light Base 900 DX Black PC Case Instruction Manual

Model: BGW69

1. PRODUCT OVERVIEW

The be quiet! Light Base 900 DX Black is a premium PC case designed for high-performance computing. It features a fully windowed front and side panel, a dual-chamber design, and integrated ARGB LED lighting. This case supports various configurations, including inverted and horizontal layouts, and is compatible with E-ATX motherboards. This manual provides essential information for assembly, operation, and maintenance.



Figure 1: Front view of the be quiet! Light Base 900 DX Black PC Case, showcasing its fully windowed design and ARGB lighting strip.

2. KEY FEATURES

- **Fully Windowed Panels:** Large window panels on the front and side provide a clear view of internal components.
- **Integrated ARGB Lighting:** A prominent ARGB LED strip is visible from all angles, with control and synchronization capabilities via motherboard.
- **Flexible Layout Options:** Supports inverted and horizontal positioning, with removable feet for quick configuration changes.
- **Extensive Cooling Support:** Accommodates up to 10 fans and up to two 420mm radiators, plus an additional 360mm radiator on the side.
- **Dual-Chamber Design:** Separates drives and cables from main components for optimized airflow.
- **Graphics Card Holder:** Includes a flexible holder to prevent GPU sag, compatible with both horizontal and vertical GPU installations.
- **Backside Connector Motherboard Support:** Compatible with designs like Asus BTF, MSI Project Zero, and Gigabyte Project Stealth for a clean, wire-free appearance.

3. SETUP INSTRUCTIONS

3.1 Panel Removal

The side and front glass panels are designed for tool-free removal. Gently lift and detach the panels to access the interior of the case. The top panel can also be removed to access fan/radiator mounting areas.

3.2 Motherboard Installation

The Light Base 900 DX Black supports E-ATX motherboards. Ensure proper standoff placement for your specific motherboard size. The motherboard tray is designed to support backside connector motherboards for simplified cable routing.

3.3 Fan and Radiator Installation

The case offers extensive cooling options:

- **Fan Capacity:** Up to 10 fans can be installed.
- **Radiator Support:** The top and bottom brackets can each hold a radiator up to 420mm. An additional 360mm radiator can be mounted on the side.
- **Removable Brackets:** The radiator and fan holders in the lid and base are removable to facilitate installation.
- **Fan Hubs:** The case includes 2 ARGB and PWM hubs with a total of 12 ports for easy fan and lighting connections.

When installing fans on the bottom tray, ensure you use 140mm fans for optimal fit and coverage. 120mm fans will not fully cover the mounting area.

3.4 Storage Device Installation

The dual-chamber design allows for discreet storage installation at the rear of the case. The side bracket can accommodate up to 8x 2.5" SSDs or 4x 3.5" HDDs. Each storage tray can hold either one 3.5" HDD or two 2.5" SSDs.

3.5 Graphics Card Installation

The case features a flexible graphics card holder to prevent sag. This holder is compatible with both horizontally and vertically installed GPUs. Ensure adequate clearance, especially with very deep graphics cards, to avoid interference with motherboard components or side-mounted radiators.

3.6 Power Supply Installation

The power supply unit (PSU) is mounted in the rear chamber. Ensure your PSU's cable configuration allows for easy routing, as some PSUs with specific cable setups may be challenging to fit.

3.7 Cable Management

The case provides ample space and features for efficient cable management:

- **Cable Channels:** Dedicated channels are available for routing cables neatly.
- **Velcro Ties and Clips:** Included Velcro ties and plastic clips help secure and organize cables.
- **Rubber Grommets:** Strategically placed rubber grommets protect cables passing through the chassis.

Proper cable management is crucial for optimal airflow and a clean aesthetic. Utilize the provided features to keep cables tidy and out of the main airflow path.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press the power button located on the top I/O panel to turn your PC on or off.

4.2 ARGB LED Control

The integrated ARGB LED strip can be controlled via your motherboard's ARGB software for synchronized lighting effects. Refer to your motherboard manual for specific software instructions.

5. MAINTENANCE

5.1 Dust Filter Cleaning

The case features a removable bottom dust filter. To clean it, you may need to tilt the PC case and unscrew a screw on the bottom backside to access and slide out the filter. Regular cleaning helps maintain optimal airflow and cooling performance.

6. TROUBLESHOOTING

- **Cooling Issues:** Ensure all fans are correctly installed and oriented for proper airflow. Verify radiator placement and fan speeds.
- **Installation Difficulties:** Refer to the relevant setup sections and ensure components are installed in the correct order. Some components, like vertical GPU mounts or large PSUs, may require specific installation sequences.
- **Cable Management:** If side panels are difficult to close, re-evaluate cable routing and use provided ties/clips to reduce bulk.
- **Motherboard Compatibility:** Confirm your motherboard's form factor (E-ATX, ATX, etc.) is supported and that all necessary standoffs are correctly installed.

7. SPECIFICATIONS

Feature	Specification
Brand	be quiet!
Model Name	be quiet! LIGHT BASE 900 DX Black
Item Model Number	BGW69
Case Type	Tower
Motherboard Compatibility	ATX, E-ATX
Item Weight	13.2 pounds (6 Kilograms)
Product Dimensions (LxWxH)	20.94 x 12.87 x 19.06 inches
Color	Black
Material	Alloy Steel
Cooling Method	Air
Power Supply Mounting Type	Bottom Mount
Number of USB 3.0 Ports	2

8. WARRANTY AND SUPPORT





For warranty claims, technical support, or further assistance, please visit the official be quiet! website or contact their customer service. Keep your proof of purchase for warranty validation.

9. PRODUCT VIDEOS

be quiet! Light Base 900 Overview

Video showcasing the key features and design of the be quiet! Light Base 900 series, including its modularity and aesthetic elements.

Related Documents - Light Base 900 DX

	<p>be quiet! DARK BASE 701 User Manual: Maximum Airflow and Usability</p> <p>Comprehensive user manual for the be quiet! DARK BASE 701 PC case, detailing specifications, parts, installation guides for components like motherboards, graphics cards, power supplies, and features such as ARGB lighting and fan control.</p>
	<p>be quiet! DARK BASE PRO 900 User Manual - Specifications, Features, and Installation Guide</p> <p>This user manual provides detailed specifications, component descriptions, installation instructions, and feature explanations for the be quiet! DARK BASE PRO 900 PC case, including I/O ports, fan control, and RGB LED lighting.</p>
	<p>be quiet! LIGHT BASE 600 User Manual and Installation Guide</p> <p>Detailed user manual for the be quiet! LIGHT BASE 600 PC case, covering technical specifications, scope of delivery, component descriptions, step-by-step installation guides for fans, radiators, storage, motherboards, graphics cards, and more, along with ARGB controller and warranty information.</p>
	<p>be quiet! DARK BASE PRO 901 PC Case User Manual</p> <p>Comprehensive user manual for the be quiet! DARK BASE PRO 901 PC case, detailing specifications, installation guides, and component compatibility for building high-performance, silent computer systems.</p>



[be quiet! Light Base 500 / 500 LX PC Case User Manual](#)

Comprehensive user manual for the be quiet! Light Base 500 and Light Base 500 LX PC cases, covering installation, technical specifications, scope of delivery, parts description, and warranty information.



[be quiet! Dark Base Pro 901 PC Case User Manual](#)

Comprehensive user manual for the be quiet! Dark Base Pro 901 PC case, detailing specifications, installation guides for various components, parts list, and warranty information.