ASUS ROG-LOKI-750P-SFX-L-GAMING

ASUS ROG Loki SFX-L 750W Platinum Power Supply User Manual

Brand: ASUS | Model: ROG-LOKI-750P-SFX-L-GAMING

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your ASUS ROG Loki SFX-L 750W Platinum Power Supply. Designed for high-performance small form factor (SFF) systems, this power supply delivers stable and efficient power to your components. Please read this manual thoroughly before installation and use to ensure optimal performance and safety.



Figure 1: The ASUS ROG Loki SFX-L 750W Platinum Power Supply, shown alongside its retail packaging, highlighting its compact form factor and design.

2. Key Features

- **ROG Heatsinks:** Covers critical components for lower temperatures, extended lifespan, and reduced noise.
- **Axial-tech Cooling:** Features a 120mm fan with PWM control for low noise operation and efficient thermal management.
- **ATX 3.0 Compatible:** Compliant with ATX 3.0 guidelines, includes a 16-pin PCIe cable capable of delivering up to 600W to PCIe Gen 5.0 graphics cards.
- **Lambda A Certification:** Certified for low noise levels, operating below 25 dB.
- **80 PLUS Platinum Certified:** Achieves up to 92% efficiency, resulting in reduced heat generation, lower noise, and enhanced reliability.

3. Setup

3.1 Unboxing and Components

Carefully unpack all items from the box. Verify that all components are present:

- ASUS ROG Loki SFX-L 750W Platinum Power Supply Unit
- Modular Cable Set (Motherboard, CPU, PCIe Gen 5.0 16-pin, SATA, Peripheral)
- AC Power Cable
- Mounting Screws
- User Manual (this document)

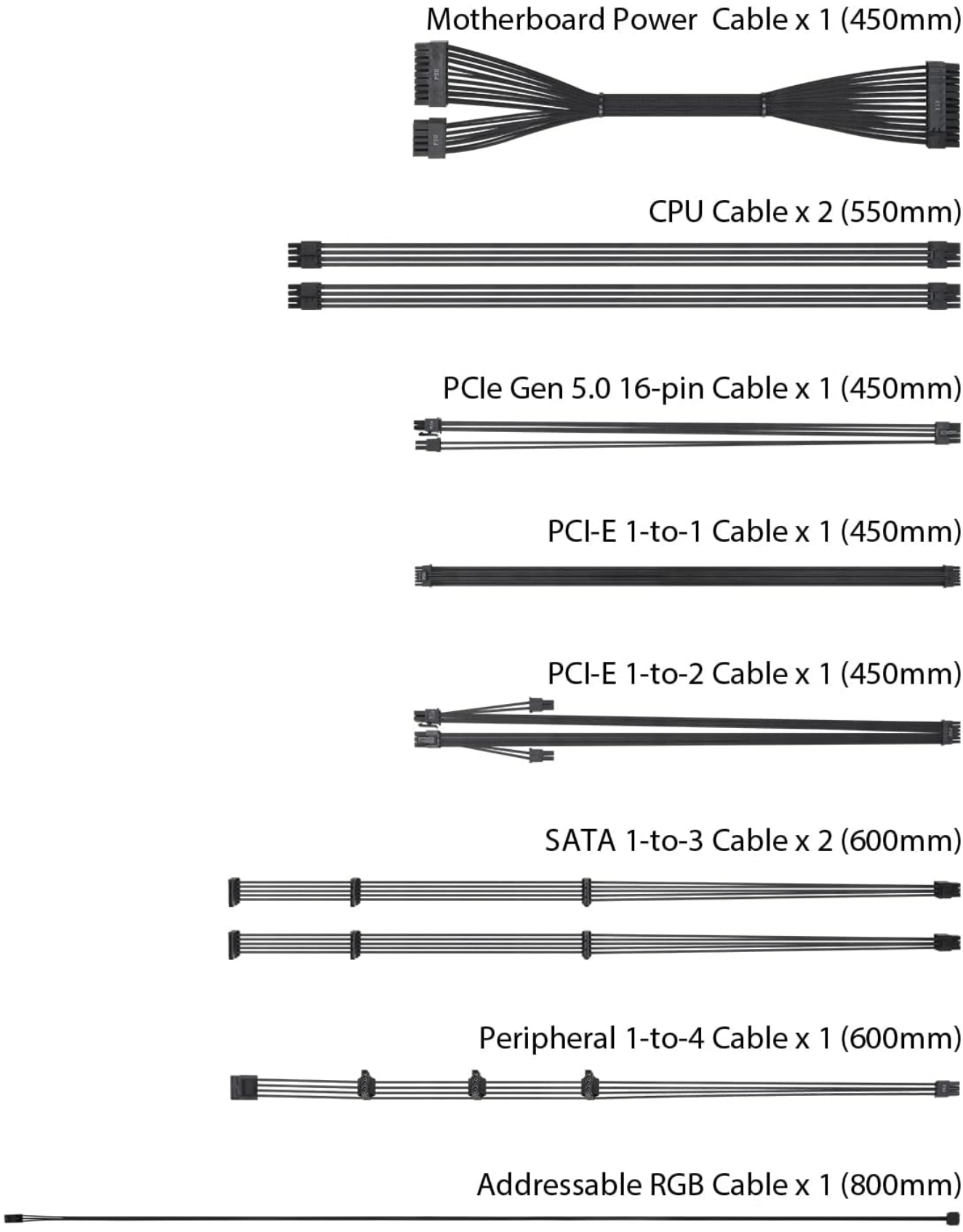


Figure 2: An overview of all the modular cables provided with the power supply, including motherboard, CPU, PCIe Gen 5.0 16-pin, SATA, and peripheral cables, designed for flexible system building.

3.2 Physical Installation

1. Ensure your computer is powered off and unplugged from the wall outlet.
2. Locate the SFX-L power supply mounting bay in your PC case. If your case supports ATX PSUs, you may need an SFX-to-ATX adapter bracket (not included with this model, but often supplied with SFX-L cases or available separately).
3. Slide the power supply into the bay and secure it with the provided mounting screws.



Figure 3: A detailed view of the power supply from the front and side, showcasing its compact SFX-L form factor.

3.3 Cable Connections

The ROG Loki SFX-L 750W Platinum is a fully modular power supply, allowing you to connect only the cables necessary for your system, reducing clutter and improving airflow.

1. Connect the main 24-pin ATX motherboard cable to the corresponding port on the PSU and your motherboard.
2. Connect the appropriate CPU power cables (e.g., 8-pin EPS) to the PSU and your motherboard.
3. For graphics cards, use the provided PCIe cables. For PCIe Gen 5.0 GPUs, utilize the dedicated 16-pin cable.
4. Connect SATA power cables for storage drives (SSDs/HDDs) and peripheral cables for other components as needed.



Figure 4: This image displays the modular cable connection ports on the side of the power supply, clearly labeled for different components like PCIe, CPU, and motherboard.

4. Operating

4.1 Power On/Off

1. After all connections are secure, plug the AC power cable into the power supply and then into a wall outlet.
2. Flip the power switch on the rear of the PSU to the 'On' position.
3. Power on your computer using the case's power button.



Figure 5: The rear panel of the power supply, featuring the power input, on/off switch, and ventilation grille.

4.2 Aura Sync RGB Lighting

The ROG Loki SFX-L 750W Platinum features an integrated 120mm PWM ARGB fan with Aura Sync compatibility. Connect the Addressable RGB cable from the PSU to a compatible ARGB header on your motherboard. Use ASUS Aura Sync software to customize lighting effects and synchronize them with other Aura Sync-compatible components in your system.



Figure 6: A top-down view of the power supply's 120mm PWM ARGB fan, illustrating its design and customizable lighting capabilities.

5. Maintenance

To ensure the longevity and optimal performance of your power supply, regular maintenance is recommended:

- **Cleaning:** Periodically clean the fan grille and ventilation openings to prevent dust buildup, which can impede airflow and lead to overheating. Use compressed air or a soft brush. Ensure the power supply is unplugged before cleaning.
- **Cable Management:** Periodically check cable connections to ensure they are secure and not obstructing airflow within the case.
- **Environment:** Operate the power supply in a well-ventilated area, away from excessive heat, humidity, and direct sunlight.

6. Troubleshooting

If you encounter issues with your power supply, consider the following common troubleshooting steps:

- **No Power:** Ensure the AC power cable is securely connected to both the PSU and the wall outlet. Check that the power switch on the PSU is in the 'On' position. Verify that the wall outlet is functional.
- **System Instability/Crashes:** This could indicate insufficient power or a faulty component. Double-check all modular cable connections. Ensure your system's power requirements do not exceed the PSU's 750W capacity.
- **Excessive Noise:** While the ROG Loki is Lambda A certified for low noise, unusual or excessive fan noise might indicate dust buildup or a fan issue. Refer to the maintenance section for cleaning.
- **RGB Not Working:** Ensure the Addressable RGB cable is correctly connected to a compatible motherboard header and that Aura Sync software is installed and configured.

If problems persist after performing these steps, please contact ASUS customer support.

7. Specifications

Attribute	Value
Brand	ASUS
Series	ROG-LOKI-750P-SFX-L-GAMING
Item Model Number	ROG-LOKI-750P-SFX-L-GAMING
Item Weight	4 pounds
Product Dimensions	4.9 x 4.9 x 2.5 inches
Compatible Devices	Desktop, Personal Computer
Connector Type	SFX
Output Wattage	750
Form Factor	SFX
Wattage	750 watts
Cooling Method	Air

8. Warranty and Support

The ASUS ROG Loki SFX-L 750W Platinum Power Supply comes with a 10-year warranty, ensuring long-term reliability and peace of mind. For technical support, warranty claims, or further assistance, please visit the official ASUS support website or contact their customer service.
Additional protection plans may be available for purchase separately to extend coverage beyond the standard warranty period. Please refer to your retailer or ASUS for details on available protection plans.

Your browser does not support the video tag.

Video 1: A short video highlighting the design and features of the ASUS ROG Loki SFX-L series power supplies, emphasizing their suitability for compact gaming builds.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question