

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [ASUS](#) /

› [ASUS ROG Thor 1200W Platinum Power Supply User Manual](#)

## ASUS ROG-THOR-1200P

# ASUS ROG Thor 1200W Platinum Power Supply User Manual

Model: ROG-THOR-1200P | Brand: ASUS

## 1. INTRODUCTION

---

The ASUS ROG Thor 1200W Platinum Power Supply is engineered for high-performance computing, offering exceptional energy efficiency and advanced features. It is the first ROG power supply to integrate a certified 135mm wing-blade fan, an OLED power display for real-time monitoring, and 100% Japanese capacitors for superior stability and durability. With 80+ Platinum certification, it ensures optimal energy efficiency, while Aura Sync provides customizable RGB lighting to synchronize with your existing Aura ecosystem.

This manual provides detailed instructions for the proper installation, operation, and maintenance of your ROG Thor 1200W Platinum Power Supply, ensuring a reliable and efficient power solution for your system.

## 2. SAFETY INFORMATION

---

Please read and understand all safety instructions before installing or operating the power supply. Failure to comply may result in electric shock, fire, or damage to the product and connected components.

- Ensure the power supply is disconnected from the AC outlet before installation or maintenance.
- Do not open the power supply unit. There are no user-serviceable parts inside. Opening the casing will void the warranty.
- Install the power supply in a well-ventilated area, away from heat sources, direct sunlight, and moisture.
- Use only the modular cables provided with this power supply. Using incompatible cables may cause damage.
- Ensure all cables are securely connected to prevent loose connections and potential electrical hazards.
- This product is designed for use in personal computers. Do not use it for any other purpose.

## 3. PACKAGE CONTENTS

---

Verify that all items are present in your package:

- ASUS ROG Thor 1200W Platinum Power Supply Unit
- Modular Cable Set (including ATX 24-pin, EPS 4+4-pin, PCIe 6+2-pin, SATA, Molex cables)
- Cable Combs for organized cable routing
- Zip Ties for cable management
- Mounting Screws
- User Manual and Documentation

- ROG Stickers / Personalization Kit
- ROG Branded Cable Bag

## 4. PRODUCT OVERVIEW

---

The ROG Thor 1200W Platinum Power Supply is designed with several innovative features to enhance performance, aesthetics, and reliability.

### 4.1. OLED Power Display

An integrated OLED panel on the side of the power supply provides real-time power draw monitoring, allowing you to instantly see your system's power consumption.



Figure 4.1: OLED Power Display showing real-time power draw.

### 4.2. Aura Sync Addressable RGB Lighting

Customize and synchronize lighting effects across an extensive ecosystem of Aura Sync enabled products, creating a cohesive and vibrant aesthetic for your PC build.

# Aura Sync

Customize and sync lighting effects with other compatible hardware.

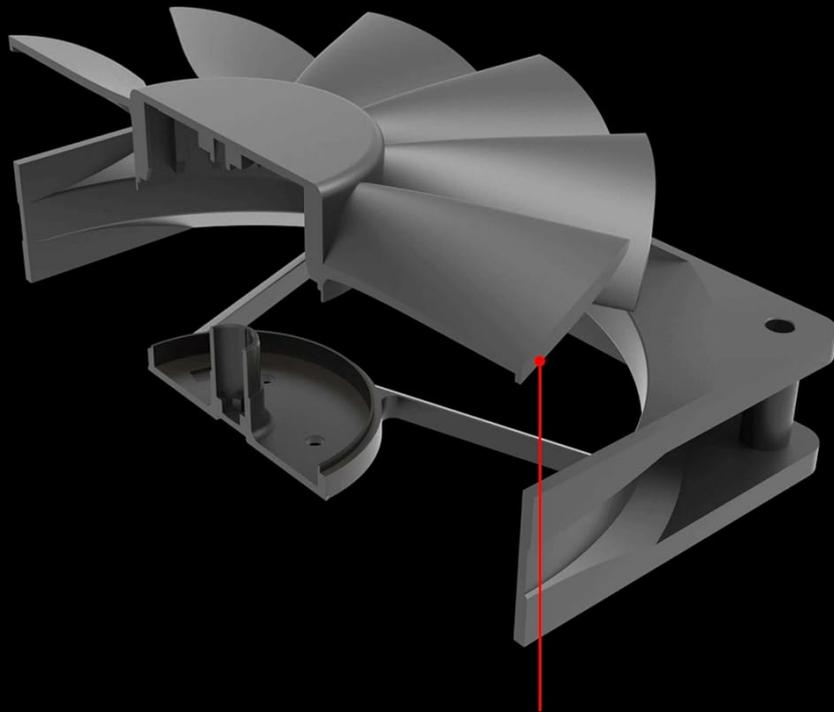


Figure 4.2: Aura Sync RGB lighting on the power supply.

### 4.3. Wing-blade Fan Design with 0dB Cooling

The certified 135mm wing-blade fan features drooped tips on each blade to reduce drag, ensuring cooler operation and quieter performance. The 0dB cooling technology allows the fan to completely stop under light loads, providing silent operation.

# Wing-blade Fan Design



Drooped tips on each blade reduce drag

Figure 4.3: Wing-blade Fan Design for optimized airflow.

## 4.4. ROG Heatsinks

Customized ROG heatsinks cover critical components within the power supply, providing superior heat dissipation for a longer lifespan and reduced noise levels.

# ROG Heatsinks

Customized heatsinks cover critical components  
for a longer lifespan and less noise



Figure 4.4: ROG Heatsinks for enhanced cooling.

## 4.5. 80 PLUS Platinum Certification

The power supply boasts 80 PLUS Platinum certification, signifying high energy efficiency. This is achieved through the use of 100% Japanese capacitors, ensuring stable and durable power delivery.

# 80 PLUS Platinum Certification

Top-end Japanese capacitors ensure efficient operation



Figure 4.5: Internal components demonstrating 80 PLUS Platinum efficiency.

## 4.6. Fully Modular and Sleeved Cables

The fully modular design allows you to connect only the cables you need, reducing clutter and improving airflow within your PC case. The premium sleeved cables contribute to a clean and professional aesthetic.

# Fully Modular and Sleeved Cables

Premium cabling creates a clean aesthetic

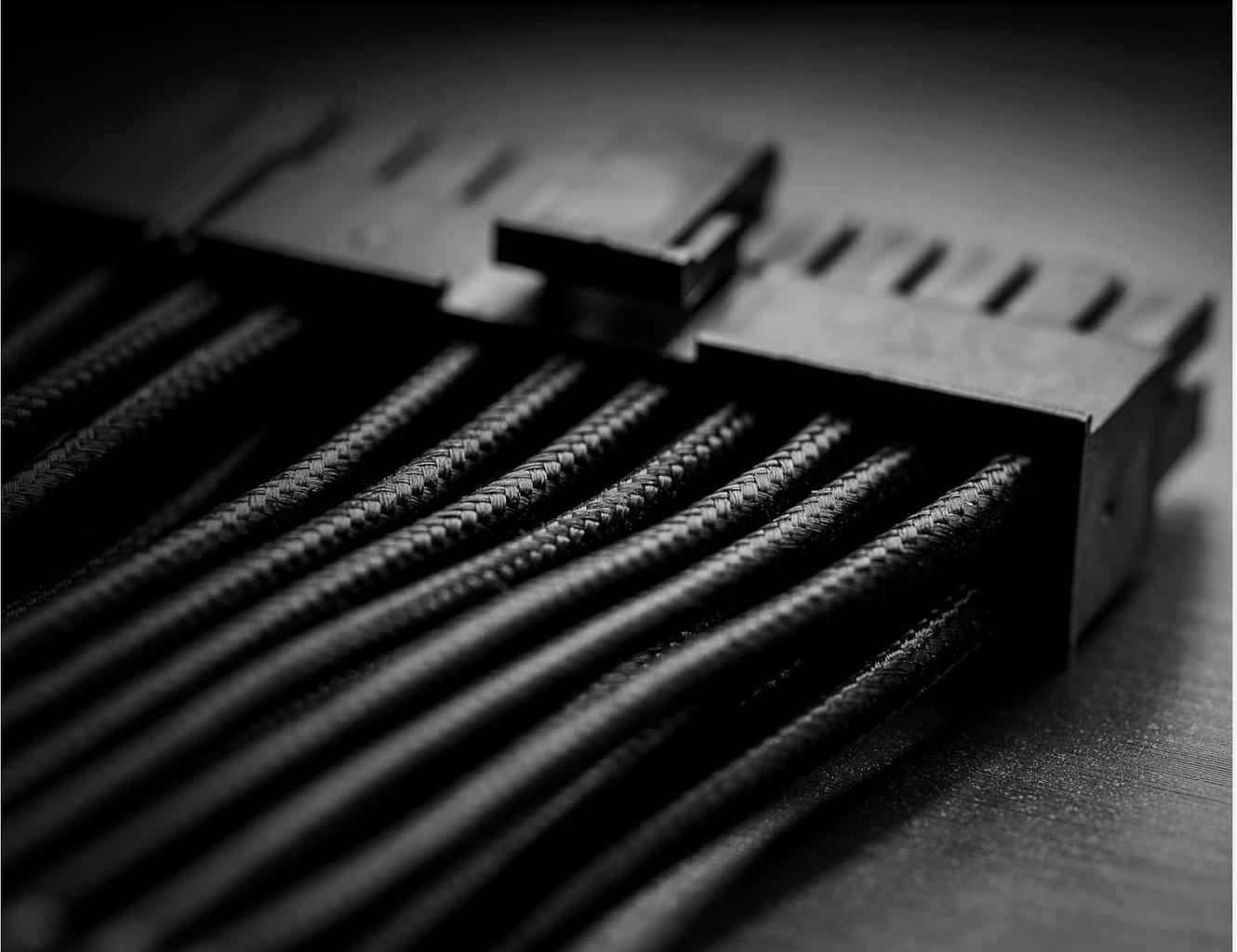


Figure 4.6: Fully modular and sleeved cables for a clean build.

## 5. SETUP AND INSTALLATION

---

### 5.1. Pre-Installation Checklist

- Ensure your PC case supports ATX power supplies.
- Gather all necessary tools: screwdriver, zip ties, and cable combs (included).
- Unplug your computer from the wall outlet and discharge any residual power by holding the power button for a few seconds.

### 5.2. Physical Installation

1. Open your PC case and locate the power supply mounting area, typically at the bottom or top rear.
2. Carefully slide the ROG Thor 1200W Platinum Power Supply into the designated bay. Ensure the fan faces the correct direction (usually downwards for bottom-mount cases, or upwards if your case has a top vent).
3. Secure the power supply to the case using the provided mounting screws.
4. Connect the necessary modular cables to the power supply. Refer to your motherboard and component

manuals for specific power requirements. Common connections include:

- 24-pin ATX cable for the motherboard.
- 4+4-pin or 8-pin EPS cable(s) for the CPU.
- 6+2-pin PCIe cable(s) for the graphics card(s).
- SATA power cables for SSDs/HDDs.
- Molex cables for older peripherals or case fans.

5. Route the cables neatly through your case's cable management channels. Use the included cable combs and zip ties to maintain a clean and organized build.
6. Connect the AC power cord to the power supply and then to a wall outlet or surge protector.

## 6. OPERATING THE POWER SUPPLY

---

### 6.1. Initial Power On

After installation, ensure the power switch on the rear of the power supply is in the "ON" position. You can then power on your computer using the case's power button.

### 6.2. Monitoring with OLED Display

The integrated OLED display will automatically show the real-time power consumption of your system. This allows for quick monitoring of your power usage without additional software.

### 6.3. Aura Sync Configuration

To customize the RGB lighting effects, download and install the ASUS Aura Sync software from the official ASUS website. This software allows you to choose from various lighting modes, colors, and synchronize them with other Aura Sync compatible components in your system.

## 7. MAINTENANCE

---

Regular maintenance helps ensure the longevity and optimal performance of your power supply.

- **Dust Cleaning:** Periodically clean the power supply's fan and ventilation grilles using compressed air. Ensure the power supply is turned off and unplugged before cleaning.
- **Cable Inspection:** Check all modular cable connections periodically to ensure they are secure and free from damage.
- **Environmental Conditions:** Ensure your PC operates in a clean, dry, and well-ventilated environment to prevent dust buildup and overheating.

## 8. TROUBLESHOOTING

---

If you encounter issues with your power supply, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
PC does not power on.	Power switch is off; Loose power cable; Faulty component.	Ensure PSU switch is ON. Check all power connections. Test with minimal components.
OLED display is blank.	Power supply is off or in standby; Display malfunction.	Ensure PC is powered on and under load. If still blank, contact support.

Problem	Possible Cause	Solution
System crashes or reboots under load.	Insufficient power; Overheating; Faulty component.	Ensure total wattage is sufficient for components. Check for proper ventilation.
Fan is not spinning.	0dB mode active; Low load; Fan malfunction.	Fan will not spin under low loads (0dB mode). If under heavy load and still not spinning, contact support.

## 9. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	ASUS
Series	ROG-THOR-1200P
Model Number	ROG-THOR-1200P
Item Weight	0.018 ounces (0.5 Grams)
Product Dimensions (LxWxH)	7.48 x 5.91 x 1.33 inches
Color	Black
Voltage	450 Volts
ASIN	B07JZHLC4M
Compatible Devices	PC
Connector Type	EPS
Output Wattage	1200W
Form Factor	ATX
Cooling Method	Air

## 10. WARRANTY AND SUPPORT

ASUS provides a limited warranty for the ROG Thor 1200W Platinum Power Supply. Please refer to the warranty card included in your package for specific terms and conditions, including warranty period and coverage details.

For technical support, troubleshooting assistance, or warranty claims, please visit the official ASUS support website or contact their customer service. Keep your proof of purchase handy when seeking support.

### Related Documents - ROG-THOR-1200P

	<p><a href="#">ASUS ROG Thor Power Supply Unit Quick Start Guide and Specifications</a></p> <p>This document provides a quick start guide, package contents, specifications, cable descriptions, and safety information for the ASUS ROG Thor Power Supply Unit, available in 850W and 1200W models.</p>
---	--

 <p><b>ROG-STRIX-1200P-GAMING</b> (ROG Strix 1200W Platinum)</p> <p><b>• GaN MOSFET</b> The GaN MOSFETs in the power MOSFETs have a higher switching frequency than silicon MOSFETs, resulting in lower switching losses and higher efficiency. This means the power supply can deliver more power to your system with less heat and noise.</p> <p><b>• Intelligent Voltage Regulation</b> The Intelligent Voltage Regulation (IVR) technology allows the power supply to adjust the output voltage dynamically to match the load requirements. This ensures that the system receives the most stable and accurate power possible, even under heavy loads.</p> <p><b>• ROG Heatsinks</b> The ROG Heatsinks are designed to provide superior cooling performance, ensuring that the power supply remains cool and quiet even during extended gaming sessions.</p>	<p><a href="#">ASUS ROG Strix 1200W Platinum Power Supply Unit - Features and Specifications</a></p> <p>Explore the features and specifications of the ASUS ROG Strix 1200W Platinum power supply unit, including GaN MOSFET, Intelligent Voltage Stabilizer, ROG Heatsinks, ATX 3.1 compatibility, and 10-year warranty.</p>
 <p><b>ROG THOR</b> POWER SUPPLY UNIT</p> <p>Use the instructions to install the power supply unit into your system. Read the safety instructions carefully before installation. The power supply unit is designed for ATX 3.1 compatibility. For more information, visit the ASUS website.</p>	<p><a href="#">ASUS ROG Thor Power Supply Unit Quick Start Guide</a></p> <p>Quick start guide for the ASUS ROG Thor Power Supply Unit, covering product overview, installation, and safety instructions.</p>
 <p><b>IN SEARCH OF INCREDIBLE</b> Warranty Card Power Supply Units</p> <p>ASUS</p>	<p><a href="#">ASUS Power Supply Unit Warranty Card</a></p> <p>This document provides the warranty information and terms for ASUS Power Supply Units, detailing coverage, exclusions, and customer responsibilities.</p>
 <p><b>ROG SWIFT OLED</b> PG39WCDM</p> <p>ASUS</p>	<p><a href="#">ASUS ROG Swift OLED PG39WCDM User Guide</a></p> <p>Comprehensive user guide for the ASUS ROG Swift OLED PG39WCDM monitor, detailing setup, features, OSD navigation, gaming enhancements like GameVisual and Aura Sync, specifications, and troubleshooting tips.</p>
 <p><b>ROG SWIFT OLED</b> PG32UCDMR</p> <p>ASUS</p>	<p><a href="#">ROG SWIFT OLED PG32UCDMR: Руководство пользователя ASUS</a></p> <p>Подробное руководство пользователя для игрового OLED-монитора ASUS ROG SWIFT OLED PG32UCDMR. Информация о настройке, функциях, технических характеристиках и устранении неполадок.</p>