

ANTEC GSK750 ATX3.1

ANTEC GSK750 ATX3.1 80PLUS GOLD Power Supply Unit Instruction Manual

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your ANTEC GSK750 ATX3.1 80PLUS GOLD Power Supply Unit (PSU). Please read this manual thoroughly before installing and using the product to ensure proper function and safety. The ANTEC GSK750 is a high-efficiency, durable power supply designed for modern PC systems.

2. FEATURES

- 80PLUS GOLD certification for high efficiency.
- Full modular design for improved cable management.
- Compact design with a depth of 140 mm.
- Active PFC and universal AC input support.

3. SETUP AND INSTALLATION

3.1. Package Contents

Verify that all components are present in the package:

- ANTEC GSK750 ATX3.1 80PLUS GOLD PSU
- Modular cable set
- AC power cord
- Mounting screws
- User manual (this document)



Image: The modular cable set included with the ANTEC GSK750 power supply unit. This includes various cables for motherboard, CPU, PCIe, SATA, and Molex connections.

3.2. Physical Installation

1. Ensure your computer is powered off and unplugged from the wall outlet.
2. Mount the PSU into the designated PSU bay in your computer case using the provided screws. Ensure the fan is oriented correctly for optimal airflow (typically facing downwards if there's a bottom vent, or upwards if not).



Image: A top-down view of the ANTEC GSK750 power supply unit, showing the fan grille and overall compact form factor.

3.3. Cable Connections

Connect the necessary modular cables to the PSU and your system components. The full modular design allows you to connect only the cables you need, reducing clutter.

- **24-Pin Main Power:** Connect to your motherboard.
- **8-Pin (4+4) CPU Power:** Connect to your motherboard's CPU power connector.
- **PCI-E (6+2 Pin):** Connect to your graphics card(s).
- **SATA Power:** Connect to SSDs, HDDs, and optical drives.
- **Molex Power:** Connect to older peripherals or case fans.

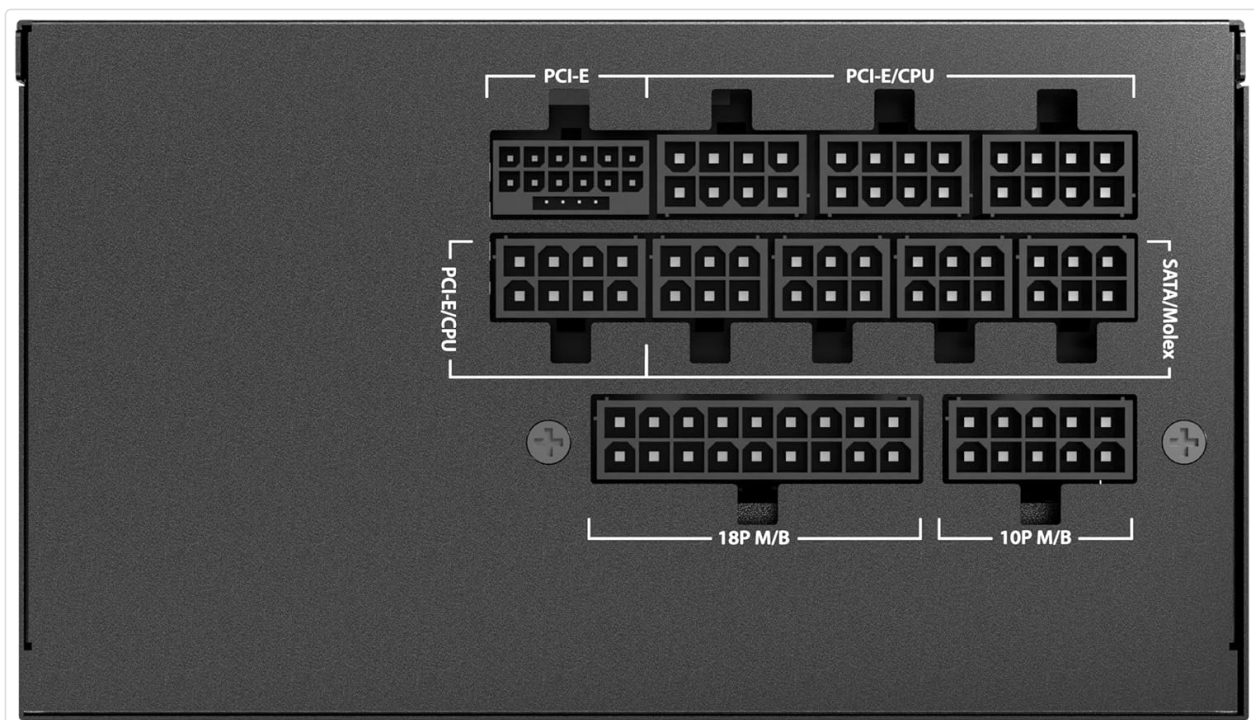


Image: The modular connector panel on the side of the ANTEC GSK750 power supply, clearly labeled for PCI-E, CPU, SATA/Molex, and M/B (motherboard) connections.

3.4. Initial Power-On

After all connections are secure, plug the AC power cord into the PSU and then into a wall outlet. Flip the main power switch on the back of the PSU to the 'ON' position. You can then power on your computer.

4. OPERATING INSTRUCTIONS

4.1. Hybrid Mode

The ANTEC GSK750 features a Hybrid Mode switch located on the rear of the unit. When Hybrid Mode is enabled, the PSU fan will remain off under low load conditions, providing silent operation. The fan will automatically activate when the load increases to maintain optimal temperatures. When Hybrid Mode is disabled, the fan will operate continuously.

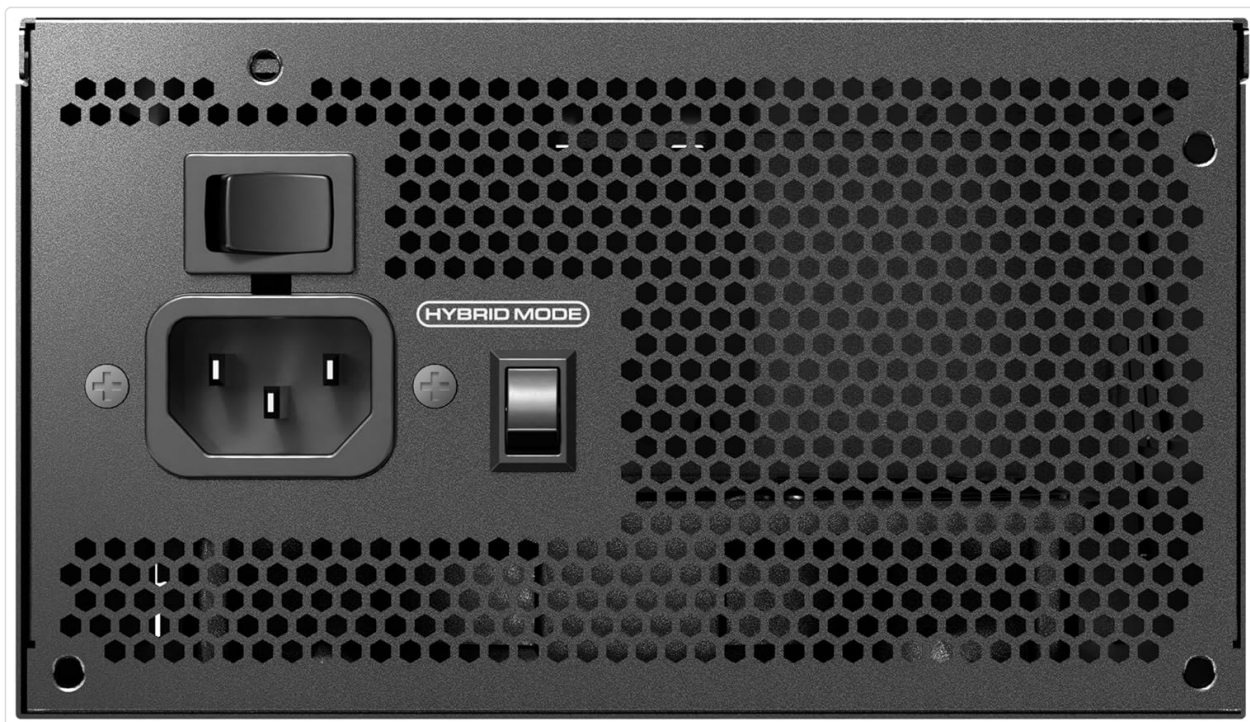


Image: The rear panel of the ANTEC GSK750 power supply, featuring the main power switch, AC input, and the 'Hybrid Mode' toggle switch.

5. MAINTENANCE

To ensure the longevity and optimal performance of your PSU, follow these maintenance guidelines:

- **Cleaning:** Periodically clean the exterior of the PSU and the fan grille to prevent dust buildup. Use compressed air to gently clear dust from the fan and internal components. Ensure the PSU is unplugged before cleaning.
- **Airflow:** Ensure that the PSU has adequate airflow within your computer case. Avoid blocking the intake or exhaust vents.

6. TROUBLESHOOTING

If you encounter issues with your ANTEC GSK750 PSU, consider the following:

- **No Power:** Check all cable connections, especially the 24-pin motherboard connector and the CPU power connector. Ensure the AC power cord is securely plugged into both the PSU and the wall outlet. Verify the main power switch on the PSU is in the 'ON' position.
- **System Instability/Crashes:** Ensure your PSU wattage is sufficient for all your components. Overloading the PSU can lead to instability. Check for loose connections.
- **Fan Noise:** If the fan is excessively noisy and Hybrid Mode is off, ensure there is no obstruction. If Hybrid Mode is on, the fan will spin up under load, which is normal.

If problems persist, consult the ANTEC support website or contact customer service.

7. SPECIFICATIONS

Detailed specifications for the ANTEC GSK750 ATX3.1 80PLUS GOLD PSU:



Image: The specification label of the ANTEC GSK750 power supply, detailing output voltages, currents, and total wattage.

Specification	Value
Brand	ANTEC
Model Number	GSK750 ATX3.1
Output Wattage	750 W
Form Factor	ATX
Efficiency Certification	80PLUS GOLD
Product Dimensions (LxWxH)	14 x 15 x 8.6 cm

Product Weight	2.5 kg
Minimum Input Voltage	100 Volts (AC)
System Bus Connector Type	24 Pin
Number of Fans	2
UPC	761345200547
Country of Origin	China

8. WARRANTY AND SUPPORT

8.1. Warranty Information

The ANTEC GSK750 ATX3.1 80PLUS GOLD Power Supply Unit comes with a **7-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

8.2. Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please visit the official ANTEC website or contact their customer support department. Contact information can typically be found on the ANTEC website or product packaging.