

SilverStone ET550-B

SilverStone ET550-B 550W 80 Plus Bronze ATX Power Supply User Manual

Model: SST-ET550-B

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your SilverStone ET550-B 550 Watt 80 Plus Bronze ATX Power Supply. Please read this manual thoroughly before installation to ensure proper and safe usage of the product.



Image 1.1: The SilverStone ET550-B Power Supply and its retail packaging.

2. PRODUCT FEATURES

The SilverStone ET550-B Power Supply is designed to deliver reliable power to your computer system. Key features include:

- **High Efficiency:** 80 PLUS Bronze certification ensures energy efficiency, reducing heat and operating costs.
- **Continuous Power Output:** Capable of 24/7 continuous power output at an operating temperature of

40°C.

- **Single +12V Rail:** Features a class-leading single +12V rail for stable power delivery to demanding components.
- **PCI-E Connectors:** Includes PCI-E 8-pin and PCI-E 6-pin connectors to support various graphics cards.
- **Quiet Operation:** Equipped with a silent running 120mm fan, operating at 18 dBA for minimal noise.
- **Flat Cables:** All-black flat cables design for improved cable management and aesthetics within your PC case.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- SilverStone ET550-B Power Supply Unit (PSU)
- AC Power Cord (region specific)
- Mounting Screws
- User Manual (this document)

4. SAFETY INFORMATION

WARNING: HIGH VOLTAGE INSIDE. DO NOT OPEN THE POWER SUPPLY UNIT.

The power supply unit contains dangerous high voltage components. Under no circumstances should the case be opened. This product is not user-serviceable. Opening the unit will void the warranty and poses a severe risk of electric shock, which can cause serious injury or death.

In the event of difficulty or malfunction, please contact your dealer or SilverStone customer support for service. Do not attempt to repair the unit yourself.

- Ensure the power supply is disconnected from the AC outlet before installation or handling.
- Install the power supply in a well-ventilated area.
- Do not expose the power supply to water or excessive humidity.
- Use only the provided power cables and connectors.
- This product is designed for use with personal computers. Do not use it for other applications.



Image 4.1: Product label displaying electrical specifications and safety warnings, including "CAUTION! HAZARDOUS AREA".

5. SETUP AND INSTALLATION

Follow these steps to install your SilverStone ET550-B Power Supply:

1. Prepare Your System:

Ensure your computer is completely powered off and unplugged from the wall outlet. Open your computer case to access the power supply mounting area.

2. Mount the Power Supply:

Carefully slide the ET550-B into the designated power supply bay in your computer case. Align the screw holes on the PSU with those on the case. Secure the power supply using the provided mounting screws.



Image 5.1: Angled view of the SilverStone ET550-B, showing the fan grill and AC input, ready for installation.

3. **Connect Cables:**

The ET550-B features all-black flat cables for easier routing. Connect the necessary cables to your motherboard and components:

- **24-pin ATX Motherboard Connector:** Connect to the main power socket on your motherboard.
- **8-pin (4+4) EPS/ATX 12V CPU Connector:** Connect to the CPU power socket on your motherboard.
- **PCI-E 8-pin (6+2) and 6-pin Connectors:** Connect to your graphics card(s) as required.
- **SATA Power Connectors:** Connect to SATA devices such as SSDs, HDDs, and optical drives.
- **Peripheral (Molex) Connectors:** Connect to other peripheral devices that require Molex power.



Image 5.2: Close-up view of the flat black cables extending from the SilverStone ET550-B Power Supply, illustrating their design for cable management.

Ensure all connections are firm and correctly seated. Avoid forcing connectors.

4. Cable Management:

Utilize the flat cable design to route cables neatly behind the motherboard tray or in other designated areas of your case to improve airflow and aesthetics.

5. Close Case and Connect AC Power:

Once all internal connections are made, close your computer case. Connect the AC power cord to the power supply's AC inlet and then plug it into a wall outlet.

6. OPERATING INSTRUCTIONS

After successful installation, you can power on your computer. The SilverStone ET550-B Power Supply will automatically manage power delivery to your components.

- The 120mm fan will operate to cool the power supply. Its speed is automatically adjusted based on the internal temperature to maintain optimal cooling and low noise levels (18 dBA).
- The 80 PLUS Bronze certification ensures efficient power conversion, minimizing wasted energy and heat generation.



Image 6.1: Top-down view of the SilverStone ET550-B, highlighting the 120mm cooling fan.

7. MAINTENANCE

The SilverStone ET550-B Power Supply is designed for minimal maintenance. However, periodic cleaning can help ensure optimal performance and longevity.

- **Dust Removal:** Periodically clean the exterior of the power supply and its fan grill to prevent dust buildup. Use compressed air or a soft brush. Ensure the computer is powered off and unplugged before cleaning.
- **Ventilation:** Ensure that the air intake and exhaust vents of the power supply are not obstructed by cables or other components within the PC case. Good airflow is crucial for efficient cooling.
- **Internal Cleaning:** Do not attempt to open the power supply unit for internal cleaning. This is dangerous and will void the warranty.

8. TROUBLESHOOTING

If you encounter issues with your SilverStone ET550-B Power Supply, consider the following troubleshooting steps:

- **No Power:**

- Ensure the AC power cord is securely plugged into both the power supply and the wall outlet.
- Check the power switch on the back of the power supply (next to the AC inlet) is in the "ON" (I) position.
- Verify all internal power connectors (24-pin ATX, 8-pin CPU, etc.) are firmly seated on the motherboard and components.
- Test the wall outlet with another device to confirm it has power.

- **System Instability/Crashes:**

- Ensure your system's power requirements do not exceed the 550W capacity of the PSU.
- Check for loose cable connections to all components.
- Ensure adequate ventilation within your PC case to prevent overheating of components, including the PSU.

- **Unusual Noise:**

- A slight fan noise is normal. If the noise is excessive or unusual, ensure no cables are obstructing the fan blades.
- If the noise persists and is concerning, contact support.

If these steps do not resolve the issue, contact SilverStone customer support or your dealer for further assistance. Do not attempt to open or repair the unit.

9. SPECIFICATIONS





Feature	Detail
Model Name	SST-ET550-B (PS-ET550-B)
Brand	SilverStone
Output Wattage	550 Watts
80 PLUS Certification	Bronze
Form Factor	ATX
Cooling Method	Air (120mm fan)
Power Supply Design	Non-Modular
Dimensions (LxWxH)	5.91 x 5.51 x 3.39 inches (150 x 140 x 86 mm)
Item Weight	4.31 pounds (1.95 kg)
Operating Temperature	24/7 continuous output at 40°C
Connectors	24-pin ATX, 8-pin EPS/ATX 12V, PCI-E 8-pin (6+2), PCI-E 6-pin, SATA, Peripheral (Molex)

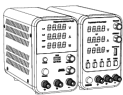


10. WARRANTY AND SUPPORT

SilverStone Technology provides a warranty for this product. Please refer to the warranty card included in your product packaging for specific terms and conditions, including warranty duration and coverage. For technical support, service, or warranty claims, please contact your local dealer or visit the official SilverStone Technology website for contact information and support resources. Do not attempt to open or repair the power supply unit yourself, as this will void the warranty and poses a safety risk.

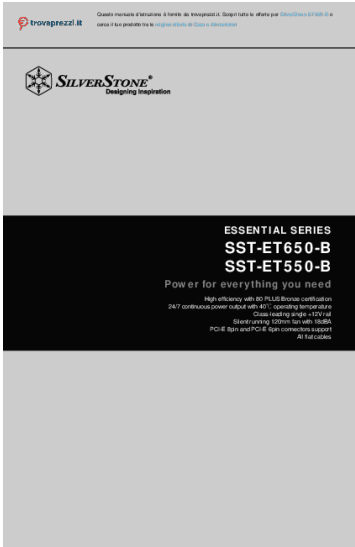
SilverStone Technology Official Website: www.silverstonetek.com

Related Documents - ET550-B

	<p>SilverStone Gemini Series Redundant Power Supplies: Specifications and Features</p> <p>Explore the SilverStone Gemini Series 2U redundant power supplies (SST-GM600-2UG to SST-GM1000-2UG), featuring 80 PLUS Gold certification, hot-swappable design, active PFC, and industry-leading reliability for critical server and workstation applications.</p>
	<p>SilverStone SFX Form Factor Power Supplies: SST-SX700-G, SX650-G, SX500-G Specifications</p> <p>Detailed specifications for SilverStone's SFX Form Factor power supplies, including SST-SX700-G, SST-SX650-G, and SST-SX500-G models. Features 80 PLUS Gold efficiency, modular design, and comprehensive protection.</p>
	<p>SilverStone Decathlon Series DA1000R Gold / DA1200R Gold ATX 3.0 Power Supply Specifications</p> <p>Detailed technical specifications for the SilverStone Decathlon Series DA1000R Gold and DA1200R Gold ATX 3.0 fully modular power supplies, covering electrical characteristics, efficiency, protection features, environmental requirements, and connector usage guidelines.</p>
	<p>SilverStone HELA Series 850W/750W ATX PSU Specifications</p> <p>Detailed specifications for the SilverStone HELA Series 850R Platinum and 750R Platinum fully modular ATX Power Supply Units (PSUs), including AC input, DC output, efficiency, environmental, and safety information.</p>

 <p>WPS/APS Series DC Power Supply Operation manual</p> <p>English / Français / Deutsch / Italiano / Español / 日本語</p>	<p>WPS/APS Series Programmable DC Power Supply Operation Manual</p> <p>Comprehensive operation manual for WPS/APS Series Programmable DC Power Supplies, covering safety, product specifications, operating instructions, system settings, host communication, troubleshooting, and warranty information.</p>
 <p>Programování nastavení stejným způsobem jako WPS/APS</p> <p>Návod k použití</p> 	<p>WANPTEK WPS/APS Series Programmable DC Power Supply User Manual</p> <p>Comprehensive user manual for WANPTEK WPS/APS series programmable adjustable DC power supplies. Learn about product features, specifications, panel descriptions, operation methods, safety guidelines, system settings, remote control, fuse replacement, maintenance, and troubleshooting for models like WPS305H/B, WPS3010H/B, APS305H, and APS3010H. This guide covers constant voltage and constant current modes, OCP protection, and USB quick charging capabilities.</p>

Documents - SilverStone – ET550-B



[pdf] Specifications

oscar chen ET650 B ET550 SST Power for everything you need High efficiency with 80 PLUS Bronze certification 24 7 continuous power output 40 operating temperature View silverstone essential bronze et550 b cdnp trovaprezzi it manuals |||

Questo manuale d istruzione fornito da trovaprezzi.it. Scopri tutte le offerte per SilverStone **ET550-B** o cerca il tuo prodotto tra le migliori offerte di Case e Alimentatori ESSENTIAL SERIES SST-ET650-B SST-**ET550-B** Power for everything you need High efficiency with 80 PLUS Bronze certification 24/7...

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[\[pdf\]](#) User Manual Specifications

en et450 b manual silverstonetek Manual power et650 80 et750

ESSENTIAL SERIES SST-ET450-B / SST-**ET550-B** SST-ET650-B / SST-ET750-B
Power for everything you need High efficiency with 80 PLUS Bronze certification 24/7
continuous power output with 40 operating temperature Class-leading single 12V rail
Silent running 120mm fan with 18dBA PCI-E 8pin and PCI-E 6pin...

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550w ESSENTIAL SERIES **ET550-B** , , 80 PLUS Bronze 40, 24/7 12V rail . 120- 18 8-
6- PCI-E SST-**ET550-B** 550W 18A 16A 110W 42A 504W 0.3A 3.6W 2.5A 12.5W 80
PLUS Bronze, . 120- , , . 86 84 82 82 80 85 82 Taiwan Hea...

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550w ESSENTIAL SERIES **ET550-B** 80 PLUS 4024 12V 18 dBA120mm PCI-E 6
pinPCI-E 8 pin SST-**ET550-B** DC 550W 18A 16A 110W 42A 504W 0.3A 3.6W 2.5A
12.5W 80 PLUS 120mm 86 84 82 82 80 85 82 Taiwan Headquarters 12F., No.168,
Jiankang Rd., Zhonghe Dist., New Taipei City 235, Taiwan R.O....

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SILVERSTONE											
Series	Product No.	Power Wattage	CPU Type	PFC	Fan mm	Size mm	Case Type	PCI-E Version	PCI-E Length	PCI-E Slot	Support
Silver Thread Series	SST-ET550-B	550W	Single Active	40A	120*1	150*86*140	PCI-E 8pin*2	100%	max	max	Support
	SST-ET550-B	550W	Single Active	40A	120*1	150*86*140	PCI-E 8pin*2	100%	max	max	Support
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	SST-ET550-B	550W	Single Active	40A	120*1	150*86*140	PCI-E 8pin*2	100%	max	max	Support

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Series SuperXP GPU supportlist silverstonetek PSU |||

Series Product No Power 12V PFC rating rails Issued Date: 2021-OCT-29 Copyright 2021 SilverSton ... -ARGB Active 40 38A 120*1 Fixed RTX 2070*1 150*86*140 PCI-E 8pin*2 cables RTX 3060 *1 SST-ET550-B 550W Single Active 40 42A 120*1 Fixed RTX 2070*1 150*86*140 PCI-E 8pin*2 cables RTX ...

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SILVERSTONE											
Series	Product No.	Power Wattage	CPU Type	PFC	Fan mm	Size mm	Case Type	PCI-E Version	PCI-E Length	PCI-E Slot	Support
Silver Thread Series	SST-ET550-B	550W	Single Active	40A	120*1	150*86*140	PCI-E 8pin*2	100%	max	max	Support
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	SST-ET550-B	550W	Single Active	40A	120*1	150*86*140	PCI-E 8pin*2	100%	max	max	Support
	SST-ET550-B	550W	Single Active	40A	120*1	150*86*140	PCI-E 8pin*2	100%	max	max	Support

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Series SuperXP GPU supportlist silverstonetek PSU

Series Product No Power 12V PFC rating rails Fan mm Issued Date: 2021-Jun-28 Copyright 2021 Si ... -ARGB Active 40 38A 120*1 Fixed RTX 2070*1 150*86*140 PCI-E 8pin*2 cables RTX 3060 *1 SST-ET550-B 550W Single Active 40 42A 120*1 Fixed RTX 2070*1 150*86*140 PCI-E 8pin*2 cables RTX ...

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SILVERSTONE											
Series	Product No.	Power Wattage	CPU Type	PFC	Fan mm	Size mm	Case Type	PCI-E Version	PCI-E Length	PCI-E Slot	Support
Silver Thread Series	SST-ET550-B	550W	Single Active	40A	120*1	150*86*140	PCI-E 8pin*2	100%	max	max	Support
	SST-ET550-B	550W	Single Active	40A	120*1	150*86*140	PCI-E 8pin*2	100%	max	max	Support
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	SST-ET550-B	550W	Single Active	40A	120*1	150*86*140	PCI-E 8pin*2	100%	max	max	Support

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Series SuperXP GPU Support list SST ST75F P supportlist silverstonetek cn PSU HELA 1200R Platinum |||

Series Product No Power 12V PFC rating rails Fan mm Issued Date: 2022-Feb-18 Copyright 2022 Si ... gle SST-ET500-ARGB Active 40 38A 120*1 Fixed 150*86*140 PCI-E 8pin*2 RTX 2070*1 cables SST-ET550-B 550W Single Active 40 42A 120*1 Fixed 150*86*140 PCI-E 8pin*2 RTX 2070*1 cables RTX 2...

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