

SilverStone PS16B

Silverstone Precision Series PS16B Computer Case Instruction Manual

Model: PS16B | Brand: SilverStone

1. INTRODUCTION

The Silverstone Precision Series PS16B is a versatile computer case designed for Micro-ATX and Mini-ITX motherboards. It offers a clean interior layout and flexible assembly options, making it suitable for various system builds. The front panel features a stylish combination of hairline brush finish and mesh, ensuring both aesthetic appeal and optimal airflow. This manual provides essential information for setting up, operating, and maintaining your PS16B computer case.

2. KEY FEATURES

- **Elegant Design:** Features a faux brushed aluminum finish, glossy surface, and mesh for a stylish appearance.
- **Enhanced Cooling:** Upgraded cooling layout supports front and rear 120mm fans or radiators.
- **Extensive Component Support:** Accommodates high-end GPUs up to 320mm and CPU coolers up to 165mm.
- **Flexible Storage Options:** Precisely designed space for various storage devices (5.25", 3.5", 2.5").
- **Convenient Connectivity:** Includes dual USB 3.0 Ports on the front panel.
- **Easy Maintenance:** Equipped with easily accessible removable filters for quick cleaning.

3. SETUP AND ASSEMBLY

Before beginning assembly, ensure you have a clean, static-free workspace. Refer to your motherboard and component manuals for specific installation instructions.

3.1 Preparing the Case

Remove the side panels by unscrewing the thumbscrews at the rear of the case and sliding the panels backward. The PS16B features tool-free side panels for easy access.

3.2 Motherboard Installation

Install the I/O shield into the rear opening of the case. Align your Micro-ATX or Mini-ITX motherboard with the standoffs inside the case. Secure the motherboard with screws. Ensure all necessary cables (power, front panel connectors) are routed through the designated cutouts.

3.3 Power Supply Unit (PSU) Installation

The PS16B supports bottom-mount power supplies. Slide the PSU into its designated bay at the bottom rear of the case and

secure it with screws from the exterior. Connect the necessary power cables to your motherboard and components.

3.4 Graphics Card (GPU) Installation

Insert your graphics card into the appropriate PCI-E slot on your motherboard. The case supports GPUs up to 320mm in length. Secure the GPU with the provided screws or tool-free clips. Connect any required PCI-E power cables from the PSU to the graphics card.

3.5 Storage Device Installation

The case offers versatile mounting options for 5.25", 3.5", and 2.5" drives. Install your SSDs or HDDs into the available drive bays and secure them. Connect data and power cables to each drive.



Figure 1: Silverstone Precision Series PS16B Computer Case with internal components visible, illustrating ample space for hardware installation.

4. OPERATING YOUR PC CASE

4.1 Front Panel I/O

The front panel provides convenient access to essential ports and controls:

- **Power Button:** To turn your system on or off.
- **Reset Button:** To restart your system.
- **USB 3.0 Ports (x2):** For high-speed data transfer with compatible devices.
- **USB 2.0 Ports (x2):** For standard USB devices.
- **Audio Jacks:** Separate ports for microphone input and headphone output.

5. MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your computer components.

5.1 Cleaning Dust Filters

The PS16B features easily accessible removable dust filters. Periodically remove and clean these filters to prevent dust buildup, which can impede airflow and lead to overheating. Use compressed air or a soft brush to remove accumulated dust.

5.2 General Cleaning

Wipe down the exterior of the case with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the finish.

6. TROUBLESHOOTING

If you encounter issues with your computer case, consider the following common troubleshooting steps:

- **No Power:** Ensure all power cables (PSU to wall, PSU to motherboard, PSU to components) are securely connected. Check the power switch on the PSU.
- **Overheating:** Verify that all case fans and CPU cooler fans are spinning correctly. Clean any clogged dust filters. Ensure proper cable management to avoid obstructing airflow.
- **Front Panel I/O Not Working:** Check that the front panel connectors (USB, audio, power/reset switches) are correctly plugged into the motherboard headers.
- **Component Fit Issues:** Double-check component dimensions against the case specifications. Ensure proper alignment during installation.

7. SPECIFICATIONS

Feature	Detail
Brand	SilverStone
Model Name	SST-PS16B (PS16B)
Motherboard Compatibility	Micro ATX, Mini-ITX
Case Type	Mid Tower
Material	Plastic front panel, steel body
Product Dimensions (LxWxH)	15.67 x 7.8 x 14.21 inches
Item Weight	9.83 pounds
GPU Length Support	Up to 320mm
CPU Cooler Height Support	Up to 165mm

Front Fan/Radiator Support	120mm
Rear Fan/Radiator Support	120mm
Number of USB 3.0 Ports	2
Number of USB 2.0 Ports	2
Power Supply Mounting Type	Bottom Mount

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official SilverStone website or contact their customer service directly. Keep your proof of purchase for warranty claims.

Online Support: Visit the [SilverStone Store on Amazon](#) for product information and resources.