

ASHATA ASHATA50vosr7fzp

ASHATA 5.25-inch Front Panel USB Hub User Manual

Model: ASHATA50vosr7fzp

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your ASHATA 5.25-inch Front Panel USB Hub. This device is designed to expand the USB connectivity of your desktop computer by utilizing an available 5.25-inch optical drive bay, providing convenient front access to USB 3.0 and USB 2.0 ports.

2. PRODUCT FEATURES

- **Optical Drive Bay Integration:** Designed for standard 5.25-inch optical drive bays, providing a clean and integrated look.
- **Expanded Connectivity:** Features two USB 3.0 ports and two USB 2.0 ports for versatile peripheral connections.
- **Internal Connections:** Utilizes a 20-pin (19-pin) connector for USB 3.0 and a 9-pin connector for USB 2.0, connecting directly to your motherboard headers.
- **High-Speed Data Transfer:** USB 3.0 ports offer ultra-high-speed data transfer rates.
- **Plug and Play:** No additional driver installation is required for most operating systems.
- **Broad Compatibility:** Supports various Windows operating systems, including Vista, Windows 7 (32 & 64 bit).

3. SETUP INSTRUCTIONS

Follow these steps to properly install the ASHATA 5.25-inch Front Panel USB Hub into your computer case.

1. **Prepare Your Computer:**
 - Power off your computer and unplug it from the power outlet.
 - Open the computer case to access the internal components.
2. **Locate an Available 5.25-inch Bay:** Identify an empty 5.25-inch optical drive bay at the front of your computer case. Remove any front panel covers or bezels if necessary.
3. **Insert the USB Hub:** Carefully slide the ASHATA Front Panel USB Hub into the chosen 5.25-inch bay from the front

of the case until its mounting holes align with those on the drive bay.

4. **Secure the Hub:** Use the provided screws to firmly attach the USB hub to the computer case on both sides. Ensure it is stable and does not move.
5. **Connect Internal Cables:**
 - Locate an available USB 3.0 20-pin (or 19-pin) header on your motherboard. Connect the corresponding USB 3.0 cable from the hub to this header.
 - Locate an available USB 2.0 9-pin header on your motherboard. Connect the corresponding USB 2.0 cable from the hub to this header.

Long Service Time

Adopt superior&high class material, sustainable for long time use



Figure 1: Internal view of the ASHATA 5.25-inch Front Panel USB Hub, showing the USB 3.0 20-pin and USB 2.0 9-pin connectors with cables attached. This image displays the internal components of the USB hub, highlighting the pre-attached USB 3.0 (20-pin) and USB 2.0 (9-pin) cables ready for motherboard connection.

Plug and Play

No need any drive program



Figure 2: Front view of the ASHATA 5.25-inch Front Panel USB Hub, showcasing two USB 2.0 ports and two USB 3.0 ports, along with mounting screws. This image shows the front face of the USB hub, featuring two USB 2.0 ports and two USB 3.0 ports, ready for external device connection. A set of mounting screws is also visible.

6. **Close Case and Power On:** Once all connections are secure, close your computer case, plug in the power cable, and power on your computer. The operating system should automatically detect the new USB ports.

4. OPERATING INSTRUCTIONS

Using the ASHATA 5.25-inch Front Panel USB Hub is straightforward:

- Simply plug your USB devices (e.g., flash drives, external hard drives, keyboards, mice) into the available USB 2.0 or USB 3.0 ports on the front panel.
- Ensure that the device you are connecting is compatible with the USB version of the port (USB 2.0 or USB 3.0) for optimal performance. USB 3.0 devices will operate at USB 2.0 speeds if connected to a USB 2.0 port.

Convenient Use

Provide front ultra high speed USB 3.0 interface&USB 2.0



Figure 3: ASHATA 5.25-inch Front Panel USB Hub installed in a PC case, demonstrating convenient front access to USB 2.0 and USB 3.0 ports. This image illustrates the USB hub's front panel, providing easy access to two USB 2.0 and two USB 3.0 ports once installed in a computer case.

5. MAINTENANCE

To ensure the longevity and optimal performance of your USB hub:

- **Cleaning:** Periodically clean the front panel and USB ports with a soft, dry cloth to remove dust and debris. Avoid using liquid cleaners directly on the ports.
- **Connection Check:** Occasionally, verify that the internal USB cables are securely connected to the motherboard headers. Loose connections can lead to intermittent functionality.
- **Environmental Conditions:** Operate the computer in a well-ventilated area to prevent overheating, which can affect all internal components, including the USB hub.

6. TROUBLESHOOTING

If you encounter issues with your ASHATA Front Panel USB Hub, consider the following:

- **Ports Not Working:**
 - Ensure the internal USB 3.0 (20-pin/19-pin) and USB 2.0 (9-pin) cables are correctly and firmly connected to the corresponding headers on your motherboard.
 - Verify that your motherboard's USB headers are enabled in the BIOS/UEFI settings.
 - Test with different USB devices to rule out a faulty peripheral.
- **Slow USB 3.0 Speeds:**
 - Confirm that the USB 3.0 cable is connected to a USB 3.0 header on your motherboard, not a USB 2.0 header.
 - Ensure the connected device is a USB 3.0 compatible device.
 - Check if your motherboard has the latest USB 3.0 drivers installed.
- **Device Not Recognized:**
 - Try connecting the device to a different USB port on the front panel or directly to the motherboard's rear USB ports to isolate the issue.
 - Restart your computer.

7. SPECIFICATIONS

Feature	Specification
Model Number	ASHATA50vosr7fzp
Product Dimensions	5.83 x 6.02 x 1.57 inches
Item Weight	14.1 ounces
Hardware Interface	USB, USB 2.0, USB 3.0
Special Feature	Plug and Play
Compatible Devices	Laptops, Mini PC, Personal Computer (with 5.25-inch bay and compatible headers)

8. SUPPORT

For any questions or assistance regarding your ASHATA 5.25-inch Front Panel USB Hub, please contact ASHATA customer service. We are committed to providing high-quality after-sales support.

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