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› JacobsParts USB 2.0 4 Port Rear Panel Bracket User Manual

JacobsParts BRK-4X-USB2

JacobsParts USB 2.0 4 Port Rear Panel Bracket User Manual

Model: BRK-4X-USB2

1. INTRODUCTION

This manual provides instructions for the installation and use of the JacobsParts USB 2.0 4 Port Rear Panel Bracket. This product is designed to expand the number of external USB 2.0 ports available on your computer by utilizing internal motherboard USB 2.0 headers.

The bracket allows you to add four external USB 2.0 ports to the rear of your computer case without occupying a PCI expansion slot, connecting directly to your motherboard's existing 9-pin USB 2.0 headers.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1x JacobsParts USB 2.0 4 Port Rear Panel Bracket with Dual 9-Pin Motherboard Header Cable



Image 1: The JacobsParts USB 2.0 4 Port Rear Panel Bracket. This image displays the full product, including the metal bracket with four USB 2.0 Type-A female ports and the attached cables terminating in two 9-pin motherboard header connectors.

3. SETUP AND INSTALLATION

Before proceeding with installation, ensure your computer is powered off and unplugged from the wall outlet. It is recommended to wear an anti-static wrist strap to prevent damage to components.

1. **Open the Computer Case:** Carefully remove the side panel of your computer case to access the motherboard and expansion slots.
2. **Identify Available USB 2.0 Headers:** Locate two available 9-pin USB 2.0 headers on your motherboard. These headers typically have 9 pins arranged in two rows, with one pin often missing or blocked to ensure correct orientation. Consult your motherboard manual for exact locations if needed.
3. **Remove an Expansion Slot Cover:** Identify an empty expansion slot at the rear of your computer case. Remove the metal cover corresponding to this slot.
4. **Install the Bracket:** Insert the metal bracket of the JacobsParts USB 2.0 4 Port Rear Panel Bracket into the open expansion slot. Secure it with a screw, typically found on the computer case.
5. **Connect to Motherboard Headers:** Carefully connect the two 9-pin header cables from the bracket to the identified USB 2.0 headers on your motherboard. Ensure the connectors are oriented correctly to avoid bending pins. Each 9-pin connector on the cable will connect to one 9-pin header on the motherboard, providing two USB 2.0 ports per header.
6. **Close the Computer Case:** Once the cables are securely connected and the bracket is fastened, replace the side panel of your computer case.
7. **Power On:** Reconnect your computer's power cable and power it on. The new USB 2.0 ports should be automatically detected by your operating system.



Image 2: A close-up view of the two 9-pin motherboard header connectors. These connectors are designed to plug directly into the USB 2.0 headers on a computer's motherboard, providing the internal connection for the external USB ports.

4. OPERATING INSTRUCTIONS

After successful installation, the four new USB 2.0 ports on the rear panel bracket are ready for use. Simply plug your USB 2.0 compatible devices into these ports.

- These ports are backward compatible with USB 1.1 devices.
- They are suitable for connecting peripherals such as keyboards, mice, printers, external hard drives, USB flash drives, and other USB 2.0 devices.
- No additional drivers are typically required for standard operating systems.

5. MAINTENANCE

The JacobsParts USB 2.0 4 Port Rear Panel Bracket requires minimal maintenance.

- Keep the ports free from dust and debris. Use compressed air if necessary to clean the ports.

- Ensure cables are not strained or bent sharply to prevent internal damage.
- Avoid exposing the product to extreme temperatures or moisture.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
USB ports are not recognized or functional.	Incorrect connection to motherboard headers. Loose connection. Motherboard USB headers are disabled in BIOS.	Verify that the 9-pin connectors are securely and correctly plugged into the motherboard USB 2.0 headers. Check your motherboard's BIOS/UEFI settings to ensure USB headers are enabled. Try connecting to different USB headers on the motherboard if available.
Device connected to the port is not working.	Device driver issue. Insufficient power. Faulty USB device.	Ensure the device has the necessary drivers installed. Test the device on another known working USB port. If it's a high-power device, ensure your power supply unit (PSU) is adequate.

7. SPECIFICATIONS

- **Product Name:** JacobsParts USB 2.0 4 Port Rear Panel Bracket to Dual 9-Pin Motherboard Header Cable
- **Model Number:** BRK-4X-USB2
- **Brand:** JacobsParts
- **Interface:** USB 2.0 (Backward compatible with USB 1.1)
- **Ports:** 4x USB 2.0 Type-A Female
- **Internal Connection:** 2x 9-pin Motherboard USB 2.0 Header Connectors
- **Cable Length:** Approximately 11 inches (28 cm)
- **Bracket Type:** Standard PC Expansion Slot Bracket
- **UPC:** 845832008134

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official JacobsParts website or contact their customer service directly. Details regarding specific warranty periods and support procedures are typically provided with your purchase documentation or on the manufacturer's website.

Note: This manual is for informational purposes only. JacobsParts is not responsible for any damage or data loss caused by improper installation or use.

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