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## Rosonway RSH-A104

# Rosonway RSH-A104 4-Port USB 3.2 Gen 2 Hub Instruction Manual

Model: RSH-A104

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Rosonway RSH-A104 4-Port USB 3.2 Gen 2 Hub. This powered USB hub is designed to expand your device's connectivity with high-speed data transfer capabilities.

## 2. PACKAGE CONTENTS

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Please verify that all items are present in your package:

- Rosonway 4-Port USB 3.1/3.2 Gen 2 Hub with 3.3ft long cable x 1
- 10W (5V/2A) power adapter x 1
- User Manual x 1



Image: The Rosonway RSH-A104 USB Hub, its 3.3ft data cable, the 5V/2A power adapter, and the user manual are shown as included items.

### 3. FEATURES

- **High-Speed Data Transfer:** Equipped with 4 USB 3.2 Gen 2 ports, offering data transfer speeds up to 10 Gbps. This is twice the theoretical speed of conventional USB 3.0.
- **Powered Operation:** Includes a 10W (5V/2A) power supply to ensure stable and safe data transfer for all connected devices, especially power-hungry peripherals.
- **Enhanced Safety:** Features built-in surge protection, overvoltage protection, and overcurrent protection.
- **Extended Cable Length:** Comes with a 3.3 ft (1 meter) long data cable for flexible placement and connection to your computer.
- **Individual Power Switches:** Each USB data port has an independent On/Off switch with an LED indicator, allowing you to control power to individual devices without unplugging them.
- **Durable Design:** Constructed from premium aluminum alloy for robustness and reliability.
- **Wide Compatibility:** Plug and play functionality, no drivers required. Compatible with Windows 11, 10, 8.1, 8, 7, Vista, Mac OS 10, Linux, and above. Supports various USB devices including keyboards, mice, flash drives, external hard drives, and more.

# Gear Up for 10Gbps Era



Image: The USB hub facilitates high-speed 10Gbps data transfer between a laptop and multiple external storage devices.

# Wide Compatibility



## USB Connector



iMac



PC



Laptop

## USB Device



Keyboard/Mouse



Flash Drive



USB Fan



USB Lamp



HDD/SSD



Gaming Peripherals



USB Printer



Card Reader



Image: This illustration highlights the broad compatibility of the USB hub with different operating systems and a wide range of USB peripherals.

## 4. SETUP

- 1. Connect Power Adapter:** Insert the DC 5V/2A power adapter into the power input port on the Rosenway RSH-A104 hub. Plug the power adapter into a wall outlet. This ensures stable power for all connected devices.
- 2. Connect to Computer:** Plug the attached USB 3.2 Gen 2 data cable from the hub into an available USB-A port on your computer (PC, laptop, Mac Studio, Mac mini, MacBook, iMac, XPS, Surface Pro).
- 3. Connect USB Devices:** Insert your USB devices (e.g., external hard drives, flash drives, keyboards, mice) into the available USB 3.2 Gen 2 ports on the hub.
- 4. Power On Devices:** Use the individual On/Off switches for each port to activate the connected devices as needed.



Image: The Rosonway RSH-A104 USB Hub is shown alongside its power adapter and integrated USB data cable, ready for connection.



Image: The USB hub is connected to a laptop, illustrating the convenience of its 1-meter extended cable for flexible desktop arrangement.

# DC 5V/2A Power Adapter



Image: A detailed view of the power input port on the USB hub, emphasizing the integrated safety features like overvoltage and overcurrent protection.

## 5. OPERATING INSTRUCTIONS

The Rosonway RSH-A104 features individual On/Off switches for each USB port, providing enhanced control over your connected devices.

- **Turning On a Port:** Lightly press the individual button next to the desired USB port. The LED indicator for that port will illuminate, signifying that the port is active and receiving power.
- **Turning Off a Port:** Press and hold the individual button next to the desired USB port for approximately two seconds. The LED indicator will turn off, indicating the port is deactivated.
- **Power Restoration:** If power to the hub is interrupted and then restored, each port will automatically revert to its previously set On/Off state.



Image: A detailed view of the USB hub's side, illustrating the individual On/Off switches for each port and the non-slip rubber base.

### Video: Rosonway 4 Ports 10Gbps USB 3.1 Hub with 3.3ft Long Cable

Your browser does not support the video tag.

Video: This official product video from Vante Tech demonstrates the features and usage of the Rosonway 4-Port 10Gbps USB 3.1 Hub, including its 3.3ft long cable and individual port switches.

## 6. MAINTENANCE

- Keep the hub in a dry environment, away from moisture and extreme temperatures.
- Clean the exterior with a soft, dry cloth. Avoid using liquid cleaners or solvents.
- Ensure proper ventilation around the hub to prevent overheating.
- Avoid placing heavy objects on the hub or its cables.

## 7. TROUBLESHOOTING

- **Device Not Recognized:**

- Ensure the hub's power adapter is securely connected to a power outlet and the hub.
- Verify that the hub's data cable is firmly connected to your computer's USB port.
- Check if the individual switch for the specific port is turned on (LED illuminated).
- Try connecting the device directly to your computer to rule out device-specific issues.
- Test with a different USB port on your computer or a different USB device.

- **Slow Data Transfer Speeds:**

- Ensure both the hub and your connected devices support USB 3.2 Gen 2 (10Gbps) for optimal performance. Connecting a USB 2.0 device will limit the speed of that specific connection.
- Confirm that the hub is connected to a USB 3.2 Gen 2 compatible port on your computer.
- While the hub supports 10Gbps, simultaneous 10Gbps transfers between devices connected to different ports on the same hub may result in reduced speeds due to chipset limitations.
- Ensure the power adapter is connected and providing sufficient power, especially for power-intensive devices.

- **Intermittent Connection:**

- Check all cable connections for looseness.
- Avoid placing the hub near sources of strong electromagnetic interference.
- Ensure the hub is not overloaded with too many power-hungry devices without the external power adapter connected.

## 8. SPECIFICATIONS

<b>Model Number</b>	RSH-A104
<b>Brand</b>	Rosonway
<b>Ports</b>	4 x USB 3.2 Gen 2 Type-A
<b>Data Transfer Rate</b>	Up to 10 Gbps
<b>Power Input</b>	DC 5V/2A (10W) Power Adapter
<b>Cable Length</b>	3.3 ft (1 meter)
<b>Dimensions (Product)</b>	46.8 x 19.2 x 10.8 inches (Note: This dimension seems unusually large for a USB hub, likely refers to packaging or a different product. Actual hub dimensions are approximately 9.8cm x 4cm x 2.2cm based on product images.)
<b>Item Weight</b>	8.8 ounces
<b>Hardware Interface</b>	USB 3.1 Type A
<b>Color</b>	Black



Image: The Rosonway RSH-A104 USB Hub is displayed with its physical dimensions and cable length clearly marked.

## 9. WARRANTY AND SUPPORT

The Rosonway RSH-A104 USB Hub comes with an 18-month warranty. This warranty can be extended by an additional 6 months upon product registration, totaling a 2-year warranty period. Lifetime technical support is also provided by Rosonway.

For technical assistance or warranty claims, please contact Rosonway customer support through their official channels or the retailer where the product was purchased.