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› BROLEO RTL8152B USB 2.0 to Ethernet Adapter User Manual

BROLEO BROLEOpv7an4h9qf

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Model: BROLEOpv7an4h9qf

1. INTRODUCTION

This manual provides comprehensive instructions for the BROLEO RTL8152B USB 2.0 to Ethernet Adapter. This device allows you to connect your compatible computer, tablet, or Android device to a wired network via a USB 2.0 port, offering a stable and fast internet connection.

Please read this manual carefully before using the product to ensure proper operation and to maximize its performance and lifespan.

2. PRODUCT OVERVIEW

The BROLEO RTL8152B USB 2.0 to Ethernet Adapter is a compact and portable device designed for easy network connectivity. It features a USB 2.0 connector on one end and an RJ45 Ethernet port on the other.



Figure 2.1: Front view of the BROLEO USB 2.0 to Ethernet Adapter, showing the USB connector and the RJ45 Ethernet port.

The adapter is built with durable ABS material and incorporates the Realtek RTL8152B chip for reliable performance. Its plug-and-play design ensures ease of use without the need for complex driver installations on supported operating systems.



Figure 2.2: Side view of the adapter, displaying the "2.0 to Fast Ethernet Adapter" label.

Package Contents:

- 1 x BROLEO RTL8152B USB 2.0 to Ethernet Adapter

3. FEATURES

- **High-Speed Connectivity:** Provides up to 95 Mbps network speed for reliable data transfer.
- **Realtek RTL8152B Chip:** Utilizes the Realtek RTL8152B chip with USB 2.0 self-driving technology for stable performance.
- **Wide Compatibility:** Supports Android devices, Windows 7, Windows 8, and various Tablet PCs.
- **Plug and Play:** Easy to connect and use without the need for manual driver installation on supported systems.
- **Durable Construction:** Made from ABS material for enhanced durability and a long service life.
- **Compact Design:** Portable and lightweight, ideal for travel and on-the-go use.

4. SETUP INSTRUCTIONS

The BROLEO RTL8152B USB 2.0 to Ethernet Adapter is designed for simple plug-and-play operation. Follow these steps to set up your adapter:

1. **Connect to Device:** Insert the USB 2.0 connector of the adapter into an available USB port on your computer, tablet, or Android device.
2. **Connect Ethernet Cable:** Connect a standard RJ45 Ethernet cable from your router or modem into the Ethernet port on the adapter.
3. **Verify Connection:** On most supported operating systems (Windows 7/8, Android), the device will automatically detect and install the necessary drivers. Look for a network connection icon or notification to confirm successful connection.



Figure 4.1: The USB Ethernet adapter connected to a laptop's USB port, with an Ethernet cable plugged into the adapter.

For some Android devices or specific operating system configurations, you might need to enable Ethernet in your device's network settings if it doesn't connect automatically.

5. OPERATING INSTRUCTIONS

Once the adapter is successfully connected and recognized by your device, it will function as a standard wired network interface. Your device will automatically prioritize the wired connection over Wi-Fi if both are available.

- **Internet Access:** Open your web browser or any network-dependent application to confirm internet access.
- **Network Status:** Check your device's network settings to view the status of the Ethernet connection, including IP address and connection speed.
- **Disconnecting:** To disconnect, simply remove the Ethernet cable from the adapter, then safely remove the USB adapter from your device.

For optimal performance, ensure your Ethernet cable is in good condition and connected securely to both the adapter and your network source.

6. MAINTENANCE

The BROLEO RTL8152B USB 2.0 to Ethernet Adapter requires minimal maintenance to ensure its longevity and performance.

- **Cleaning:** Use a soft, dry cloth to gently wipe the adapter. Avoid using liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures when not in use.

- **Handling:** Avoid dropping the adapter or subjecting it to strong impacts. Do not bend or twist the cable excessively.
- **Port Protection:** Keep the USB and Ethernet ports free from dust and debris.

7. TROUBLESHOOTING

If you encounter issues with your BROLEO USB 2.0 to Ethernet Adapter, refer to the following common troubleshooting steps:

No Network Connection:

- **Check Physical Connections:** Ensure both the USB connector and the Ethernet cable are securely plugged into their respective ports.
- **Verify Ethernet Cable:** Test the Ethernet cable with another device or replace it to ensure it is functional.
- **Restart Devices:** Restart your computer/tablet/Android device and your router/modem.
- **Try Different USB Port:** Connect the adapter to a different USB port on your device.
- **Check Device Settings:** For Android devices, ensure Ethernet is enabled in network settings. For Windows, check Network and Sharing Center for adapter status.

Slow Connection Speed:

- **Check Cable Quality:** Ensure you are using a high-quality Ethernet cable (e.g., Cat5e or Cat6).
- **Network Congestion:** High network traffic on your local network or from your internet service provider can affect speed.
- **Device Performance:** Ensure your device's hardware and software are not bottlenecking the connection.

Adapter Not Recognized:

- **Re-plug Adapter:** Disconnect and reconnect the USB adapter.
- **Update Drivers (Windows):** Although plug-and-play, if issues persist on Windows, you may need to manually update the Realtek RTL8152B drivers from your device manufacturer's website or Realtek's official site.
- **Compatibility:** Ensure your operating system is listed as supported (Android, Win7, Win8, Tablet PC).

8. SPECIFICATIONS

Model Number	BROLEOpv7an4h9qf
Brand	BROLEO
Chipset	Realtek RTL8152B
Interface	USB 2.0
Network Speed	Up to 95 Mbps (Fast Ethernet)
Data Link Protocol	Ethernet, USB
Compatible OS	Android, Windows 7, Windows 8, Tablet PC
Material	ABS
Color	White

9. OFFICIAL PRODUCT VIDEO

Your browser does not support the video tag.

Video 9.1: An overview of the BROLEO USB Ethernet Adapter, highlighting its function to connect beyond wireless limits. (Duration: 0:06)

This short video provides a visual introduction to the BROLEO USB Ethernet Adapter and its primary benefit of enabling a wired connection.

10. WARRANTY AND SUPPORT

Specific warranty details for the BROLEO RTL8152B USB 2.0 to Ethernet Adapter are not provided in this manual. For warranty information, technical support, or further assistance, please refer to the product packaging or contact the manufacturer directly.

You may also visit the official BROLEO website or the retailer's support page where you purchased the product for additional resources.