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› ANYOYO 10G Ethernet Adapter RJ45 Port User Manual

ANYOYO B0DXJKD6C4

ANYOYO 10G Ethernet Adapter RJ45 Port User Manual

Model: B0DXJKD6C4

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ANYOYO 10G Ethernet Adapter. This device is designed to provide high-speed wired network connectivity for compatible devices, supporting various speeds up to 10Gbps.



Image 1: The ANYOYO 10G Ethernet Adapter with its USB-C cable.

2. PRODUCT OVERVIEW

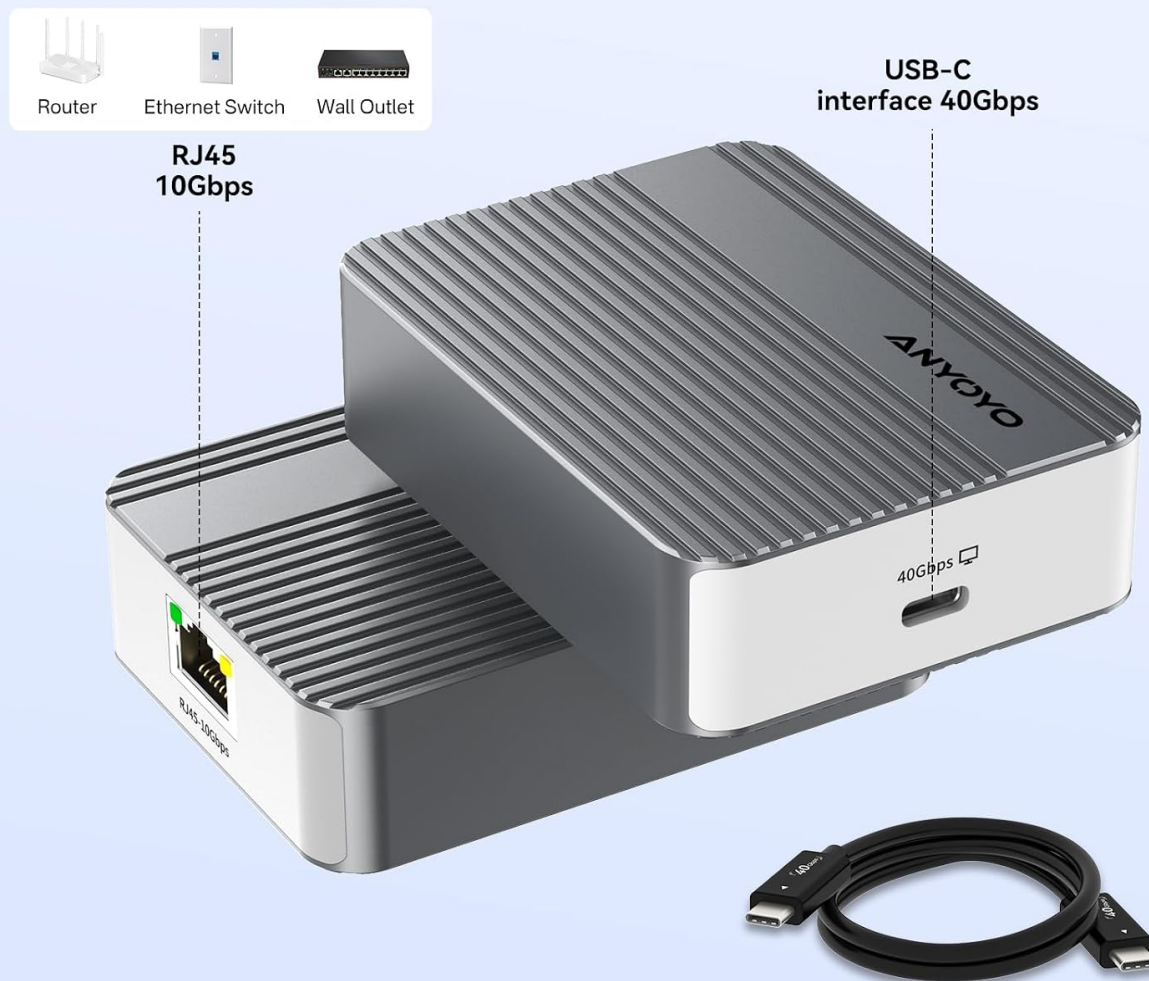
2.1 Key Features

- **High-Speed Network Connectivity:** Supports 10Gbps, 5Gbps, 2.5Gbps, 1Gbps, 100Mbps, and 10Mbps networks.
- **Stable Transmission:** Utilizes the JHL7440 main controller for reliable and efficient data transfer.
- **Wide Compatibility:** Compatible with Thunderbolt 3/4/5 and USB4 devices. Supports Windows, Linux, and Mac operating systems.
- **Efficient Heat Dissipation:** Features an aluminum alloy shell to prevent overheating during intensive use.
- **Compact Design:** Slim and lightweight for portability.

2.2 Package Contents

- ANYOYO 10G Ethernet Adapter
- USB-C to USB-C Cable

ANYOYO 10G Ethernet Adapter



⚠ Note: Non-Thunderbolt 3/4 /USB4.0 host devices are not compatible.

Image 2: Overview of the adapter's ports and included cable.

3. SETUP & INSTALLATION

3.1 Driver Installation (Windows Users)

For Windows operating systems, a driver installation is required for the adapter to function correctly. Follow these steps:

1. Download the latest driver from the official ANYOYO website. The link can be found in Image 9 (Compatibility Overview) or directly at: <https://www.anyoyo.com/pages/network-card-drivers>
2. Run the downloaded driver installer and follow the on-screen prompts.
3. After successful installation, **restart your computer** for the device to be recognized and function properly.

Note: Mac and Linux operating systems typically do not require manual driver installation and should be plug-and-play.

3.2 Connecting the Adapter

1. Connect one end of the included USB-C cable to the USB-C port on the ANYOYO 10G Ethernet Adapter.
2. Connect the other end of the USB-C cable to a compatible Thunderbolt 3, Thunderbolt 4, Thunderbolt 5, or USB4 port on your computer or device.
3. Connect a standard RJ45 Ethernet cable from your router, switch, or wall outlet to the RJ45 port on the ANYOYO 10G Ethernet Adapter.

Ensure that the pins inside the RJ45 port are not bent or sagging to ensure a proper connection.

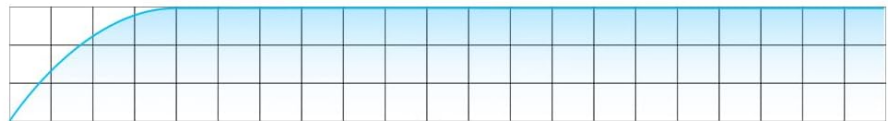
Wired Connection - Stability&Speed



Wired

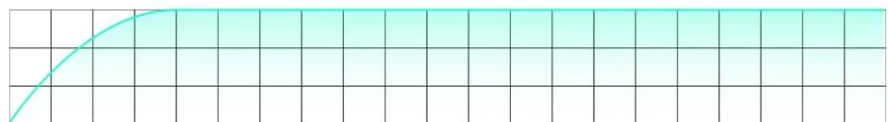
Download Mbps

9070



Upload Mbps

8900



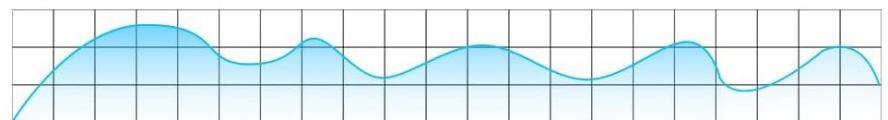
Stable



WiFi

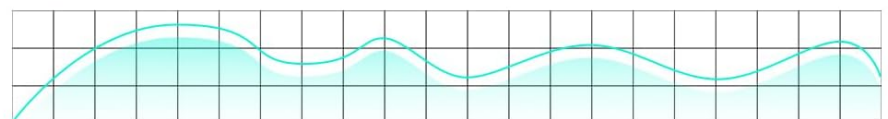
Download Mbps

500



Upload Mbps

480



Unstable

Image 3: Adapter connected to a laptop and Ethernet network.

4. OPERATING INSTRUCTIONS

4.1 Network Speed and Compatibility

The ANYOYO 10G Ethernet Adapter supports a range of network speeds: 10Gbps, 5Gbps, 2.5Gbps, 1Gbps, 100Mbps, and 10Mbps. To achieve the full 10Gbps speed, both your network infrastructure (router, switch, cables) and the connected device must support 10Gbps.

The adapter is compatible with devices featuring Thunderbolt 3, Thunderbolt 4, Thunderbolt 5, or USB4 ports. It is not compatible with non-Thunderbolt hosts or other USB-C devices that do not support these specific protocols.

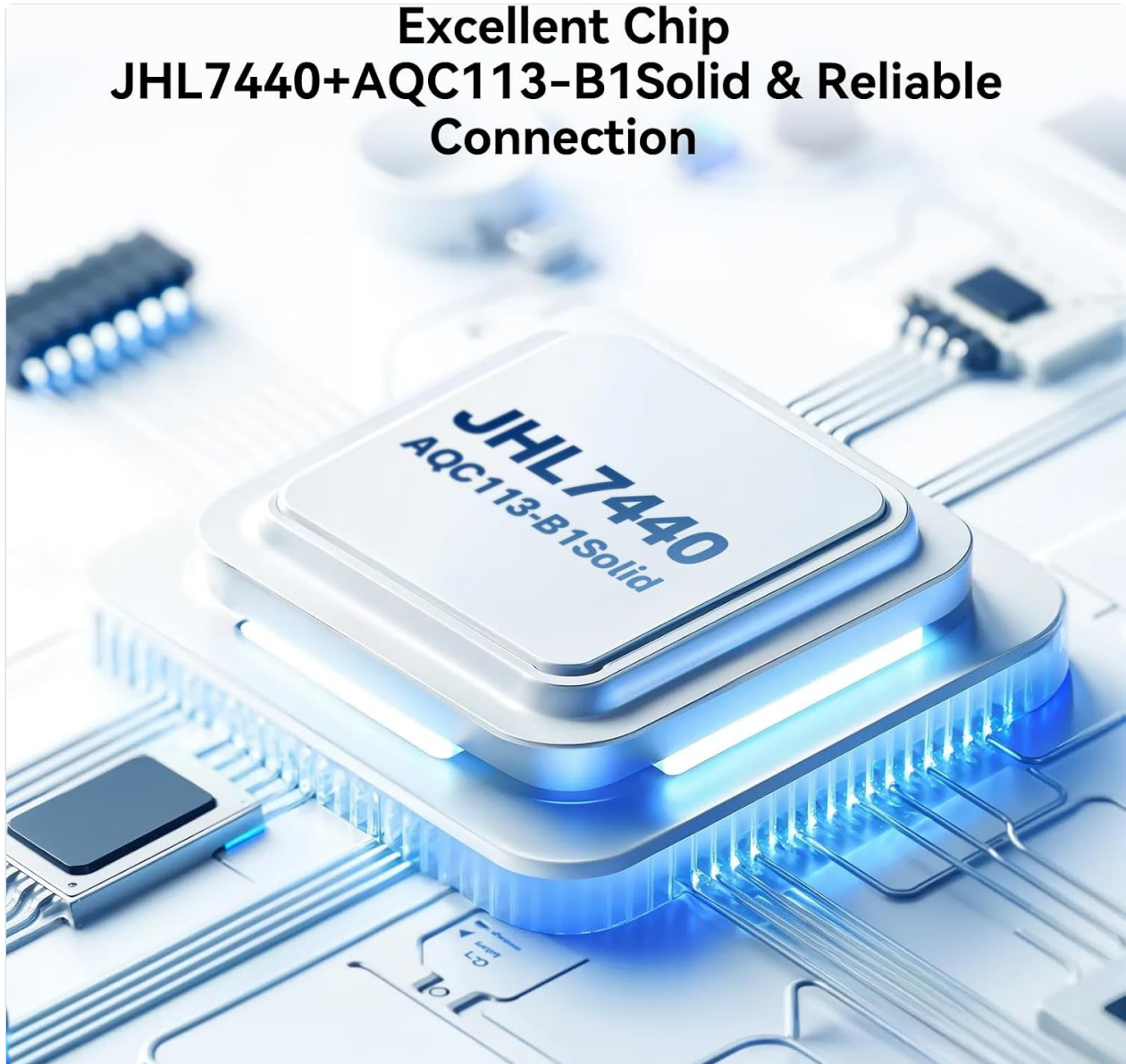


Image 4: Internal chipset for stable performance.

4.2 Usage Scenarios

This adapter is ideal for applications requiring high-speed and stable network connections, such as:

- **Large Data Transfers:** Quickly back up or download large files.
- **Video Editing:** Stream and edit high-resolution video content without lag.
- **Online Gaming:** Experience smooth, low-latency gaming.
- **Network Attached Storage (NAS):** Efficiently access and manage data on your NAS.

Instantaneous DataBackup & Downloading



Image 5: Demonstrating instantaneous data backup and downloading.



Image 6: Compatibility overview for devices, networks, and operating systems, including driver update information.

Your browser does not support the video tag.

Video 1: Overview of the ANYOYO 10G Ethernet Adapter's features and applications, including high-speed data transfer, heat dissipation, and compatibility with various devices for tasks like video editing and gaming.

5. MAINTENANCE

To ensure the longevity and optimal performance of your ANYOYO 10G Ethernet Adapter, consider the following maintenance tips:

- **Physical Inspection:** Regularly check the RJ45 port for any bent or sagging pins. Handle the adapter and cables with care to prevent damage.
- **Heat Dissipation:** The aluminum alloy casing is designed for efficient heat dissipation. Ensure the adapter is placed in a location with adequate airflow and not covered, especially during prolonged high-demand tasks.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the adapter. Avoid using liquid cleaners or abrasive materials.

- **Driver Updates:** Periodically check the ANYOYO website for updated drivers, especially if you experience performance issues or upgrade your operating system.



Image 7: The adapter's compact size, emphasizing portability.

6. TROUBLESHOOTING

6.1 No Network Connection

- **Check Physical Connections:** Ensure all cables (USB-C and Ethernet) are securely connected to both the adapter and your devices. Verify that the RJ45 cable pins are not damaged.
- **Driver Installation (Windows):** If you are a Windows user, confirm that the driver has been installed correctly and that you have restarted your computer after installation.
- **Compatibility:** Verify that your computer's port is a Thunderbolt 3/4/5 or USB4 port. The adapter is not compatible with standard USB-C ports that do not support these protocols.
- **Network Configuration:** Check your operating system's network settings to ensure the Ethernet adapter is recognized and configured for DHCP or static IP as required by your network.

6.2 Slow Network Speed

- **Network Infrastructure:** Ensure that your router, switch, and Ethernet cables (Cat6a or higher recommended for 10Gbps) all support the desired speed (e.g., 10Gbps). If any component is slower, it will bottleneck the connection.
- **Device Capability:** Confirm that your computer or NAS also supports 10Gbps speeds through its Thunderbolt/USB4 port.
- **Driver Status:** Ensure your drivers are up-to-date.
- **Heat:** While the adapter has good heat dissipation, excessive heat can sometimes impact performance. Ensure it's in a well-ventilated area.



Image 8: Wired connection stability and speed comparison.

7. SPECIFICATIONS

Feature	Detail
Brand	ANYOYO
Model	B0DXJKD6C4

Hardware Interface	Thunderbolt (USB-C)
Data Link Protocol	Ethernet
Data Transfer Rate	10 Gigabits Per Second (backward compatible with 5G/2.5G/1G/100M/10M)
Compatible Devices	Laptops with Thunderbolt 3/4/5 or USB4 ports
Operating Systems	Windows, Linux, Mac OS
Product Dimensions	3.45 x 2.52 x 0.94 inches (8.76 x 6.40 x 2.39 cm)
Item Weight	4.4 ounces (126 grams)
Main Controller	JHL7440

8. WARRANTY & SUPPORT

ANYOYO is committed to providing reliable products and customer satisfaction. For technical support or warranty inquiries, please contact ANYOYO customer service.

- **Technical Support:** ANYOYO offers 7x24 technical support. Please refer to the official ANYOYO website for contact information.
- **Warranty Information:** Specific warranty terms may vary by region and retailer. Please retain your proof of purchase for warranty claims.

For the most up-to-date information, visit the official ANYOYO website:[ANYOYO Official Store](#)