acer 105-AU

Acer USB C to Ethernet Adapter (Model 105-AU) Instruction Manual

Reliable Gigabit Ethernet Connectivity for USB-C Devices

1. Introduction

This manual provides essential instructions for the setup, operation, and maintenance of your Acer USB C to Ethernet Adapter, Model 105-AU. This adapter is designed to provide a stable and high-speed wired network connection for devices equipped with a USB-C port, addressing situations where Wi-Fi is unreliable or a physical Ethernet port is unavailable.



Image 1.1: The Acer USB C to Ethernet Adapter, featuring a USB-C connector on one end and an RJ45 Ethernet port on the other, housed in a sleek aluminum casing.

2. Setup Instructions

The Acer USB C to Ethernet Adapter is designed for true plug-and-play functionality, requiring no driver installation for most compatible operating systems.

1. **Connect the Ethernet Cable:** Insert a standard RJ45 Ethernet cable (CAT6 or above recommended for 1Gbps speeds) into the RJ45 port of the Acer USB C to Ethernet Adapter. Ensure the cable is securely connected to your router, modem, or network switch.
2. **Connect to Your Device:** Plug the USB-C connector of the adapter into an available USB-C port on your laptop, tablet, or smartphone.
3. **Verify Connection:** The adapter features two indicator lights on the RJ45 port. An orange light indicates a connection, and a green light indicates signal activity. Observe these lights to confirm a successful network connection.

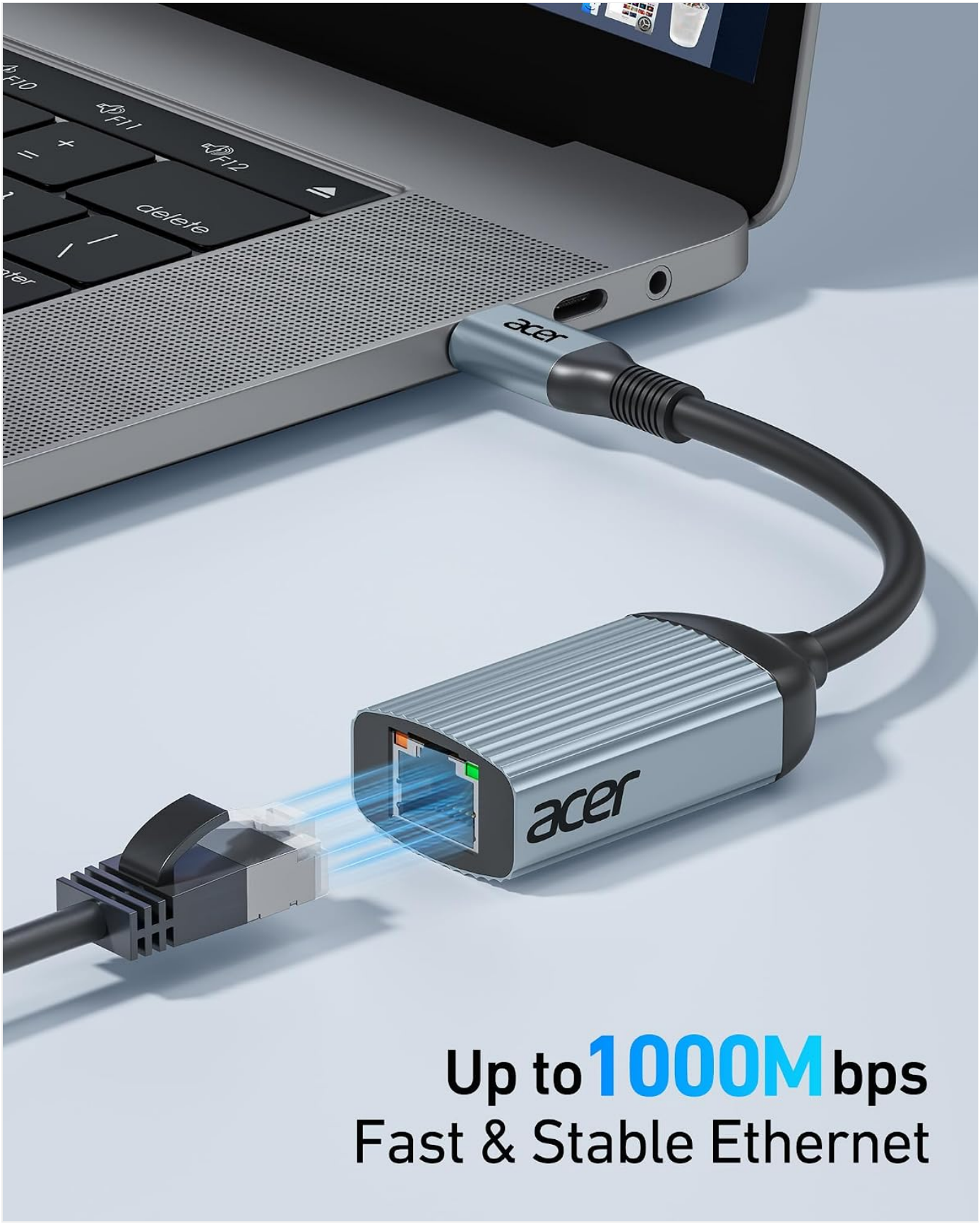


Image 2.1: The adapter connected to a laptop's USB-C port, with an Ethernet cable plugged into the adapter, illustrating a stable 1000Mbps connection.

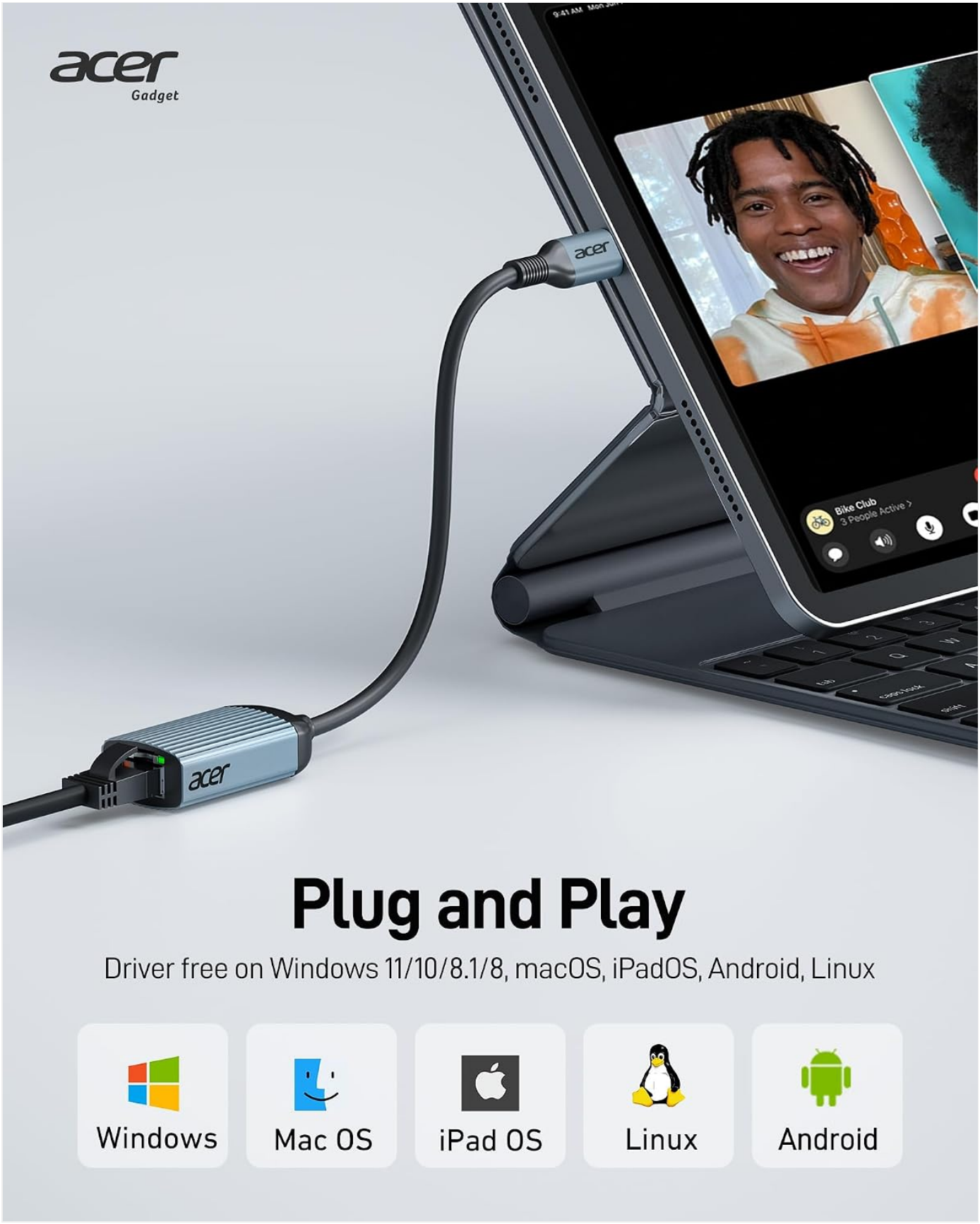


Image 2.2: The adapter connected to an iPad, highlighting its plug-and-play functionality across various operating systems including Windows, macOS, iPadOS, Linux, and Android.

3. Operating Instructions

Once connected, the adapter automatically establishes a wired network connection. Your device will prioritize the wired connection over Wi-Fi if both are available.

- **Speed:** The adapter supports Gigabit Ethernet speeds up to 1Gbps. For optimal performance, ensure your Ethernet cable is rated CAT6 or higher and your network infrastructure supports Gigabit speeds.
- **Indicators:**
  - **Orange Light:** Indicates a successful physical connection to the network.
  - **Green Light:** Flashes to indicate data activity (signal).
- **Usage Scenarios:** Ideal for online gaming, high-definition video streaming, large file transfers, and stable video conferencing where a consistent and fast internet connection is crucial.

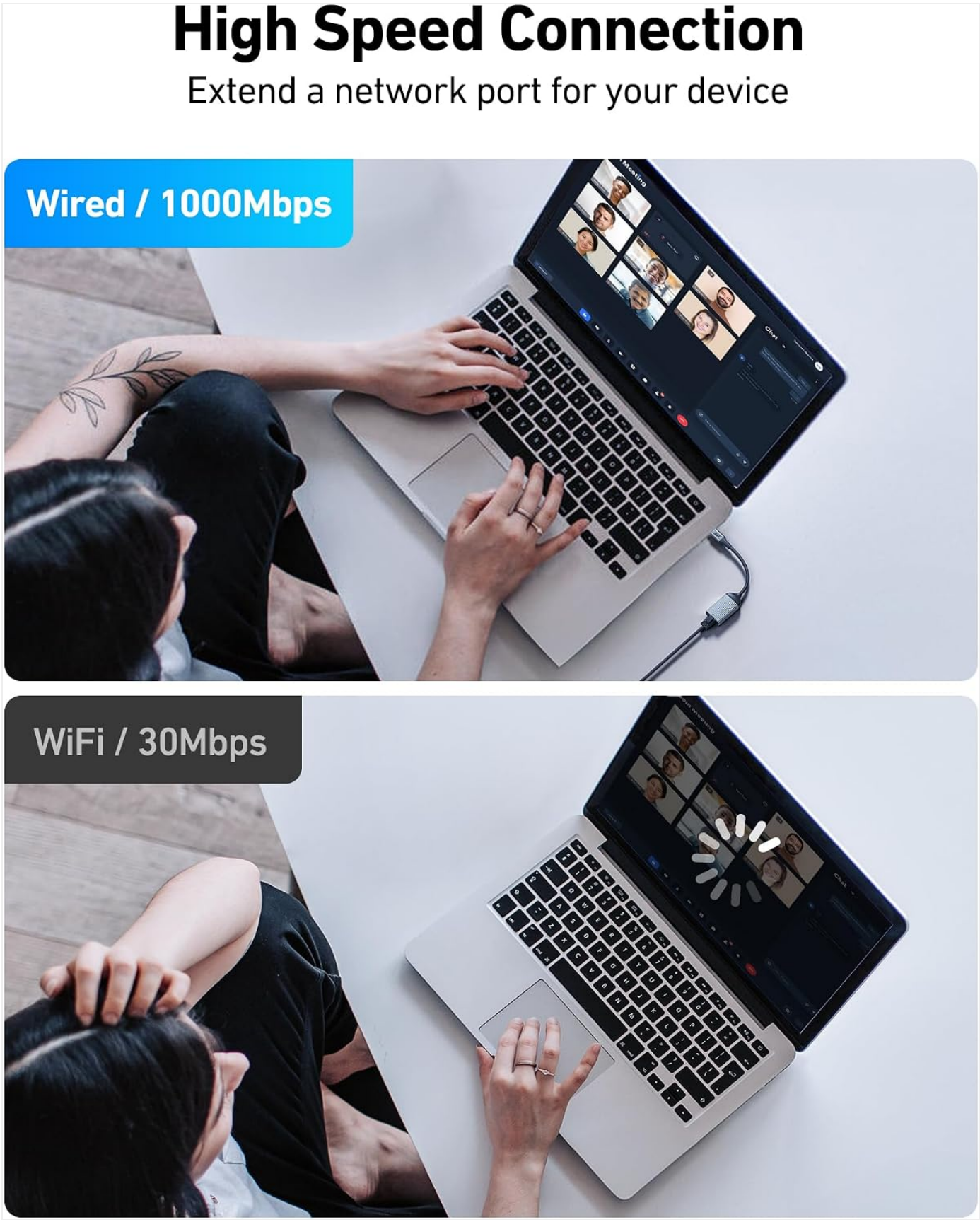


Image 3.1: A visual comparison demonstrating the speed advantage of a wired 1000Mbps connection over a typical 30Mbps WiFi connection for tasks like video calls.

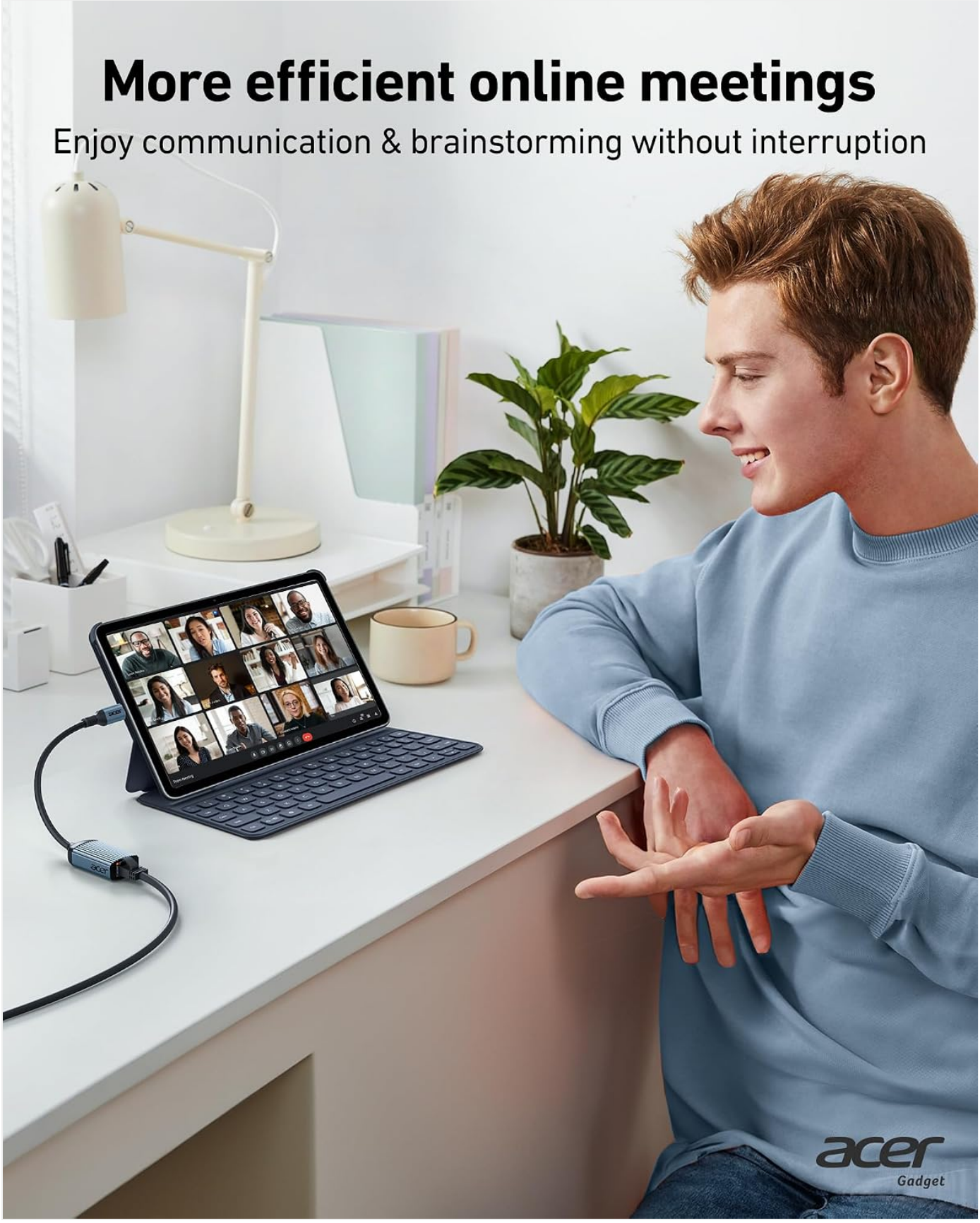


Image 3.2: An individual participating in an online meeting using an iPad connected via the Acer USB C to Ethernet Adapter, illustrating enhanced efficiency and uninterrupted communication.

4. Compatibility

This adapter is widely compatible with various devices and operating systems that support USB-C connectivity.

4.1 Compatible Devices (USB-C Port):

- **Apple:** iPhone 15 Pro/Max, MacBook Pro (2023/2022/2021/2020/2019/2018/2017), MacBook (2019/2018/2017), MacBook Air 13” (2022/2018), iPad Pro (2022/2020/2018), iPad Air 4/5.
- **Dell:** XPS 13/15/17.
- **Microsoft:** Surface Book 2.
- **Google:** Pixelbook, Chromebook, Pixel, Pixel 2.
- **Asus:** ZenBook series.
- **Nintendo:** Switch.
- **Samsung:** S23/S22/S21/S20 series, Note 8/9, Galaxy Tablet Tab A 10.5.
- And many other USB-C laptops, tablets, and smartphones.

4.2 Compatible Operating Systems (Driver-Free):

- Windows 11 / 10 / 8.1 / 8
- macOS
- iPadOS
- Android
- Linux



Image 4.1: A visual representation of the adapter's broad compatibility, connecting various USB-C devices like MacBooks, tablets, Samsung phones, iPhones, and Nintendo Switch to Ethernet sources such as wall outlets, routers, and switches.

5. Specifications

Feature	Detail

Feature	Detail
Model Number	105-AU
Brand	Acer
Connectivity	USB-C to RJ45 Ethernet
Data Transfer Rate	Up to 1 Gbps (Gigabit Ethernet)
Backward Compatibility	100 Mbps, 10 Mbps
Chipset	RTL8153B
Housing Material	High-quality heat-dissipating aluminum
Cable Material	High-quality natural rubber
Indicator Lights	Connection (Orange), Signal (Green)
Product Dimensions	3.15 x 0.67 x 5.04 inches (approx.)
Item Weight	1.41 ounces (40 grams)
UPC	195133261586



Image 5.1: The Acer USB C to Ethernet Adapter with its compact dimensions, illustrating its lightweight and portable design for easy transport.

6. Maintenance

To ensure the longevity and optimal performance of your Acer USB C to Ethernet Adapter, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to gently wipe the adapter's exterior. Avoid using liquid cleaners, solvents, or abrasive materials, as these can damage the finish or internal components.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Handling:** Avoid excessive bending or twisting of the cable. While designed for durability, improper handling can reduce its lifespan. Do not force the USB-C or RJ45 connectors into ports.
- **Heat Dissipation:** The aluminum casing is designed for heat dissipation. Ensure the adapter is not covered or placed in an enclosed space during operation to allow for proper airflow.

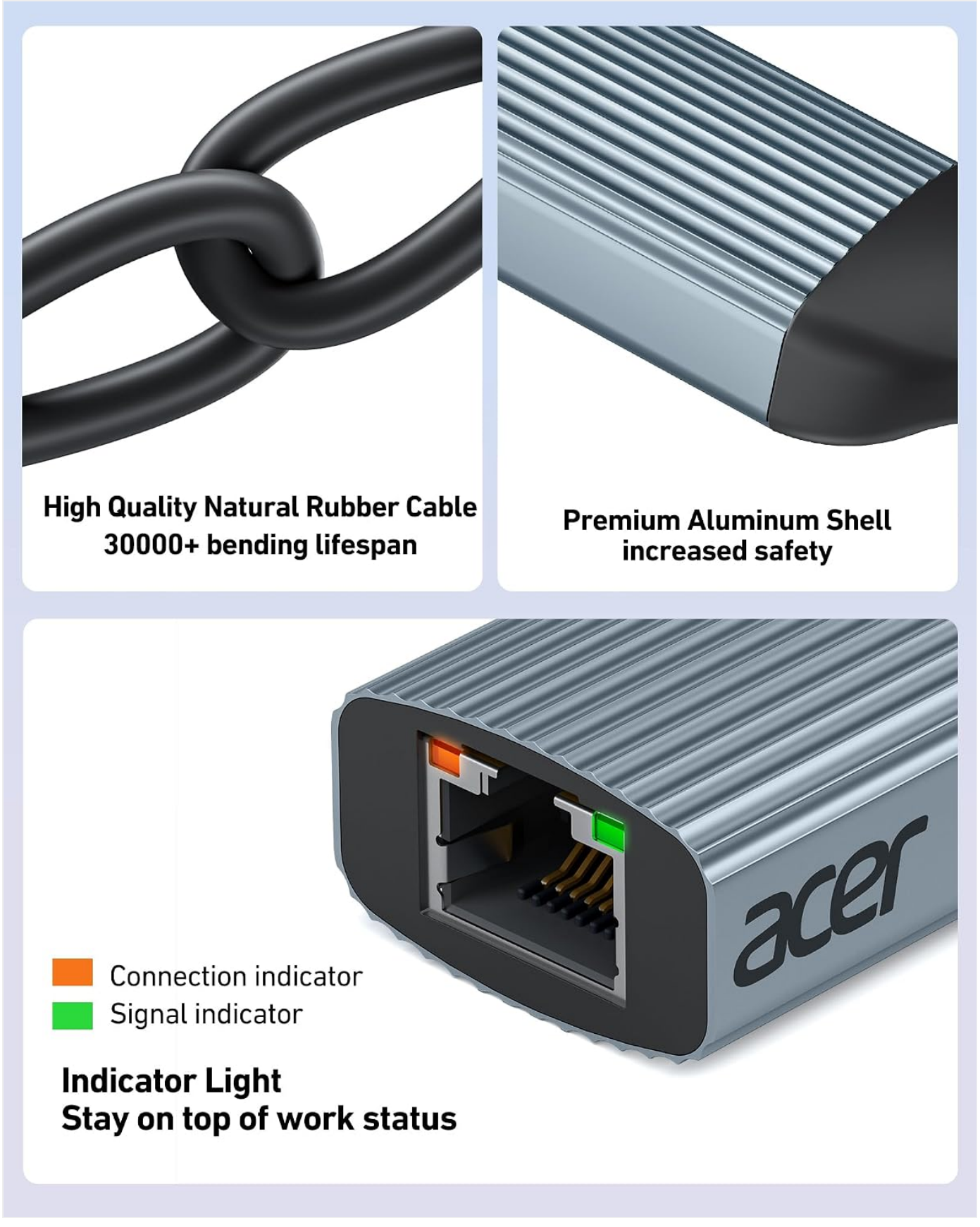


Image 6.1: A detailed view of the adapter's robust design, including the high-quality natural rubber cable and premium aluminum shell, which contribute to its durability and heat dissipation.

7. Troubleshooting

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

- **No Network Connection:**
  - Ensure both the Ethernet cable and the USB-C connector are firmly plugged into their respective ports.
  - Check the indicator lights on the adapter. If no lights are on, try a different USB-C port on your device or a different Ethernet cable.
  - Verify that your router/modem is powered on and functioning correctly.
  - Restart your device and your network equipment (router/modem).
- **Slow Connection Speed:**
  - Confirm that your Ethernet cable is CAT6 or higher, especially if you expect 1Gbps speeds. Older CAT5/5e cables may limit speed.
  - Ensure your internet service plan and network equipment (router, switch) support Gigabit speeds.
  - Temporarily disable Wi-Fi on your device to ensure it is using the wired connection.
  - Test the adapter on another compatible device or with a different Ethernet cable to isolate the issue.
- **Adapter Gets Warm:**
  - It is normal for the aluminum casing to become warm during operation, as it is designed to dissipate heat. If it becomes excessively hot or causes performance issues, ensure it has adequate ventilation.
- **Device Not Recognizing Adapter:**
  - Ensure your device's operating system is listed under the compatible systems (Windows 11/10/8.1/8, macOS, iPadOS, Android, Linux).
  - Try connecting the adapter to a different USB-C port on your device.
  - If using a Windows PC, check Device Manager for any unrecognized devices or network adapters. While driver-free for most, a system update might sometimes resolve recognition issues.

8. Warranty and Customer Support

The Acer USB C to Ethernet Adapter comes with a**12-month hassle-free warranty**.
For any questions, technical assistance, or warranty claims, please contact Acer's professional customer service. Support is available 24/7, and most issues are typically resolved within 12 hours.
Please refer to the contact information provided with your product packaging or visit the official Acer support website for the most up-to-date contact details.

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Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question