i-tec C31METAL25LAN

i-tec USB-C Metal 2.5Gbps Ethernet Adapter User Manual

MODEL: C31METAL25LAN

Brand: i-tec

1. INTRODUCTION

This manual provides instructions for the i-tec USB-C Metal 2.5Gbps Ethernet Adapter, model C31METAL25LAN. This device allows you to connect your USB-C enabled computer or tablet to a wired network, providing high-speed Ethernet connectivity up to 2.5 Gigabit per second (2.5Gbps).

The adapter is designed for reliable and stable network performance, offering a robust solution for devices without a built-in Ethernet port or for upgrading existing network speeds.

A silver i-tec USB-C to 2.5Gbps Ethernet Adapter with a black cable and USB-C connector.

2. SYSTEM REQUIREMENTS

- Device with an available USB-C port.
- Operating System: Compatible with Windows, macOS, Linux, and Chrome OS.
- Ethernet cable (RJ-45) for network connection.

An image showing the i-tec USB-C Ethernet Adapter is compatible with various notebooks and tablets featuring a USB-C port, including Windows, macOS, Linux, and Chrome OS devices.

3. SETUP AND INSTALLATION

The i-tec USB-C 2.5Gbps Ethernet Adapter is designed for plug-and-play functionality, requiring no additional driver installation on most modern operating systems.

Installation Steps:

1. Connect the USB-C connector of the adapter to an available USB-C port on your computer or tablet.
2. Connect an Ethernet cable (RJ-45) from your router, modem, or network switch to the RJ-45 port on the i-tec adapter.
3. The operating system should automatically detect and install the necessary drivers. A network connection should be established shortly.

STABIL UND ROBUST

A laptop with the i-tec USB-C Ethernet Adapter connected, highlighting its simple plug-and-play installation.
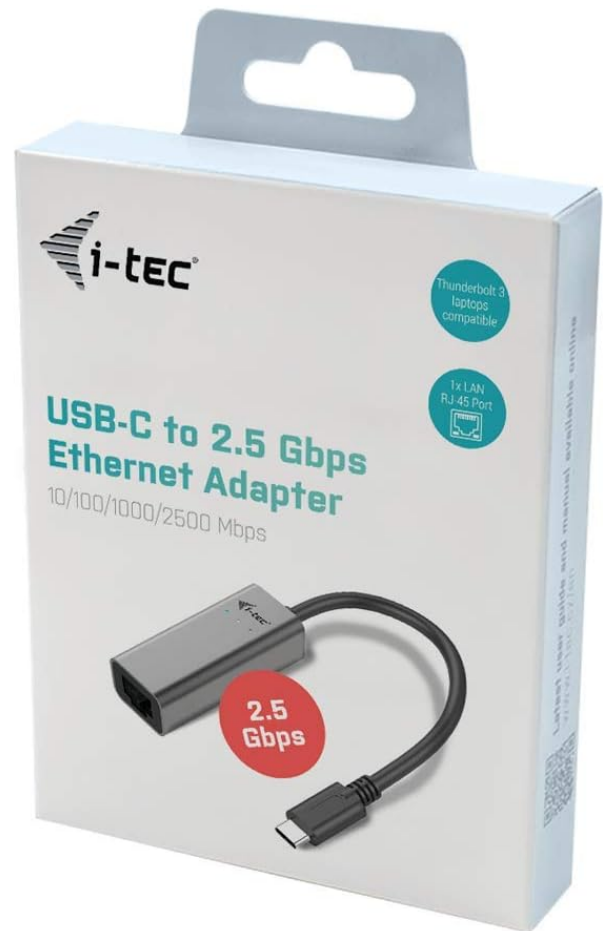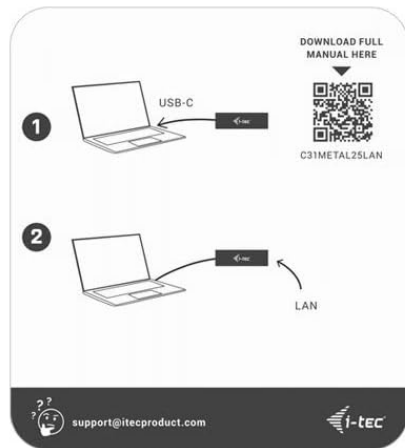
A diagram illustrating the connection of the i-tec USB-C 3.1 adapter to a router and a laptop, showing its RJ-45 Ethernet port and supported speeds (10/100/1000/2500 Mbps).

4. OPERATION

Once connected, the adapter provides a stable wired network connection. The LED indicators on the adapter typically show network activity and connection status.

- **Link/Activity LED:** Indicates a successful network link and flashes during data transfer.
- **Speed LED:** May indicate the current connection speed (e.g., different colors for 1Gbps vs. 2.5Gbps, refer to specific product documentation if available).

The adapter supports speeds of 10/100/1000/2500 Mbps, automatically negotiating the highest possible speed with your network equipment.

HOHE ÜBERTRAGUNGSGESCHWINDIGKEIT
BIS ZU 2500 Mbps

LAN

2500 Mbps

Transferring...

An image depicting a laptop transferring data at high speed via the i-tec 2.5Gbps Ethernet Adapter, illustrating its 2500 Mbps capability.

5. CARE AND MAINTENANCE

To ensure the longevity and optimal performance of your i-tec USB-C Ethernet Adapter, follow these guidelines:

- Keep the adapter clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the adapter to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the adapter yourself. This may void the warranty.
- Handle the adapter and its cable gently to prevent damage to the connectors.

The metal casing provides enhanced durability and protection for the internal components.

An image showing a hammer near the i-tec USB-C Ethernet Adapter, emphasizing its stable and robust metal construction.

6. TROUBLESHOOTING

If you encounter issues with your i-tec USB-C Ethernet Adapter, please refer to the following common solutions:

- **No Network Connection:**
    - Ensure the USB-C connector is fully inserted into your device.
    - Verify that the Ethernet cable is securely connected to both the adapter and your network device (router/modem).
    - Check if your network router/modem is powered on and functioning correctly.
    - Try connecting the adapter to a different USB-C port on your device.
    - Restart your computer and network equipment.

- **Slow Network Speed:**
    - Ensure your Ethernet cable is rated for Gigabit or 2.5 Gigabit speeds (e.g., Cat5e or Cat6).
    - Verify that your network router/switch supports 2.5Gbps or Gigabit Ethernet.
    - Check for any background applications consuming significant bandwidth.
    - Update your operating system and USB-C port drivers.

- **Adapter Not Recognized:**
    - Ensure your device's USB-C port is fully functional.
    - Try connecting the adapter to another computer to determine if the issue is with the adapter or the host device.
    - Check your device's Device Manager (Windows) or System Information (macOS) to see if the adapter is listed.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	2.4 x 0.91 x 0.67 inches
Item Weight	1.23 ounces
Model Number	C31METAL25LAN
Connector Type	RJ45, USB Type C
Ethernet Speeds	10/100/1000/2500 Mbps
Compatible Devices	Desktop, Notebooks, Tablets with USB-C port
Manufacturer	I-TEC
ASIN	B08XW9PDXP

8. WARRANTY AND SUPPORT

i-tec products are covered by a manufacturer's warranty. Please refer to the specific warranty terms provided with your purchase or on the official i-tec website for details regarding coverage and duration.

For technical support, driver downloads, or further assistance, please contact i-tec support:

- **Email:** support@itecproduct.com
- **Website:** Visit the official i-tec website for product information and support resources.

10/100/1000/2500 Mbps

1x Ethernet
GLAN
RJ-45

1x USB-C 3.1
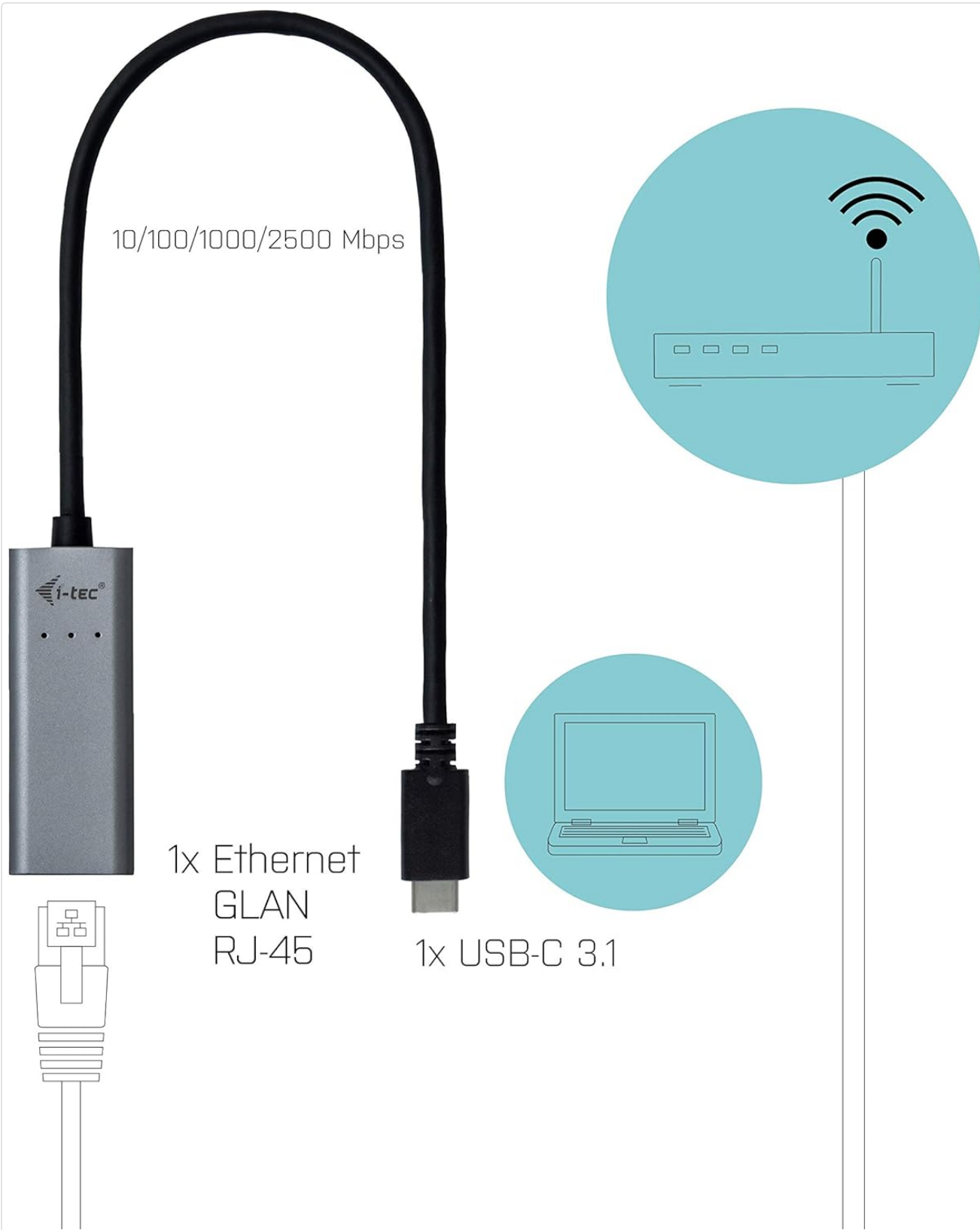
The product packaging for the i-tec USB-C to 2.5 Gbps Ethernet Adapter, displaying connection instructions, a QR code for the full manual, and support contact information (support@itecproduct.com).

Related Documents - C31METAL25LAN

	i-tec USB-C to HDMI and VGA Adapter - User Guide Learn how to connect your USB-C devices to external displays using the i-tec USB-C to HDMI and VGA Adapter. This guide covers specifications, setup, and troubleshooting for 4K HDMI and Full HD VGA outputs.
	i-tec USB-C/USB-A Universal Charging Metal HUB 2x USB-C + 2x USB-A Port + Power Delivery 85W - User Guide Comprehensive user guide for the i-tec CAHUBMETAL2A2CPD Universal Charging Metal HUB. Features 2x USB-C and 2x USB-A ports, 85W Power Delivery, detailed specifications, installation instructions, system requirements, safety guidelines, and compliance information.
	i-tec USB-C HDMI and USB Adapter + Power Delivery - Product Overview and Specifications Detailed overview of the i-tec USB-C HDMI and USB Adapter with Power Delivery. Features 4K HDMI, USB 3.0, and PD capabilities. Includes system requirements and full technical specifications.
	i-tec USB-C/USB-A Metal Charging + Data Hub, 15W per Port, 20x USB-C User Guide Discover the i-tec USB-C/USB-A Metal Charging + Data Hub (CACHRGHUB20C). This guide details its features, including 20x USB-C ports with 15W charging, USB 3.2 Gen 1 data transfer, and rack-mounting capabilities. Essential for expanding connectivity and power delivery.
	**i-tec USB-C Intelligent Dual Display Docking Station + 100W Power Delivery	Model CAINTGDUAL4KDOCPD** Enhance your workspace with the i-tec USB-C Intelligent Dual Display Docking Station. Supports dual monitors, 100W Power Delivery, and extensive connectivity for laptops and computers.
	**i-tec USB-C KVM Docking Station for 3 Hosts	C31KVMDOCKPDPRO	Dual Display, 100W PD** Discover the i-tec USB-C KVM Docking Station (Model C31KVMDOCKPDPRO) for seamless multi-host connectivity, dual display support, and 100W Power Delivery. Enhance your workspace with advanced docking solutions from i-tec Technologies.