UGREEN UM106X (Switch), USB C to 2.5G Ethernet Adapter

UGREEN 2.5Gb USB C Ethernet Adapter and 6-Port 2.5Gb Ethernet Switch Instruction Manual

Model: UM106X (Switch), USB C to 2.5G Ethernet Adapter

Introduction

This manual provides comprehensive instructions for the UGREEN 2.5Gb USB C Ethernet Adapter and the UGREEN 6-Port 2.5Gb Ethernet Switch. This bundle is designed to enhance your network capabilities, offering high-speed wired connectivity for various devices. Please read this manual thoroughly before using the products to ensure proper setup and operation.

Product Overview

The UGREEN 2.5Gb USB C Ethernet Adapter provides a high-speed wired network connection for devices with a USB-C port. The UGREEN 6-Port 2.5Gb Ethernet Switch expands your network, allowing multiple devices to connect at speeds up to 2.5Gbps, with an additional 10Gb SFP+ port for high-bandwidth connections.



Image: The UGREEN 2.5Gb USB C Ethernet Adapter and the UGREEN 6-Port 2.5Gb Ethernet Switch, shown together as a bundle.

Key Features

- **2.5Gbps Ethernet Speed:** The USB C Ethernet adapter supports internet speeds up to 2.5Gbps, enabling fast downloads, fluent 4K/8K streaming, and immersive gaming.
- **Network Upgrade Flexibility:** Easily upgrade existing 1Gb networks by pairing with 2.5Gb-capable devices like switches and routers.
- **6-Port 2.5Gb Ethernet Switch:** Features five 2.5Gb uplink ports and one 10Gb SFP+ port, maximizing network potential for devices like NAS, gaming consoles, and business environments.
- **10Gb SFP+ Port:** Provides flexible connectivity for high-speed backbone connections, supporting 1G/2.5G/10G optical modules and RJ45 copper modules (module not included). Ideal for 10GbE NAS, servers, or high-

performance routers.

- **Three Operating Modes:** The Ethernet switch offers Standard, VLAN, and Link Aggregation modes for versatile network management.

Setup Instructions

UGREEN 2.5Gb USB C Ethernet Adapter

1. Connect the USB-C end of the adapter to an available USB-C port on your laptop, desktop, or compatible device.
2. Connect a Cat 6a or better Ethernet cable (not included) to the RJ45 port on the adapter.
3. Connect the other end of the Ethernet cable to your router or the UGREEN 6-Port 2.5Gb Ethernet Switch.



Image: The UGREEN 2.5Gb USB C Ethernet Adapter connected to a laptop, illustrating the USB-C and Ethernet connections.

Your browser does not support the video tag.

Video: A short demonstration of connecting the UGREEN 2.5Gb USB to Ethernet Adapter to a device and its plug-and-play functionality.

UGREEN 6-Port 2.5Gb Ethernet Switch

1. Connect the provided power adapter to the DC 12V Power Port on the switch and plug it into a power outlet.
2. Connect your router or modem to one of the 2.5Gb uplink ports (ports 1-5) using an Ethernet cable.
3. Connect your devices (e.g., desktop, laptop, NAS) to the remaining 2.5Gb uplink ports.
4. For 10Gbps connectivity, insert a compatible 1G/2.5G/10G optical module or RJ45 copper module (not included) into the SFP+ port and connect your 10GbE device.

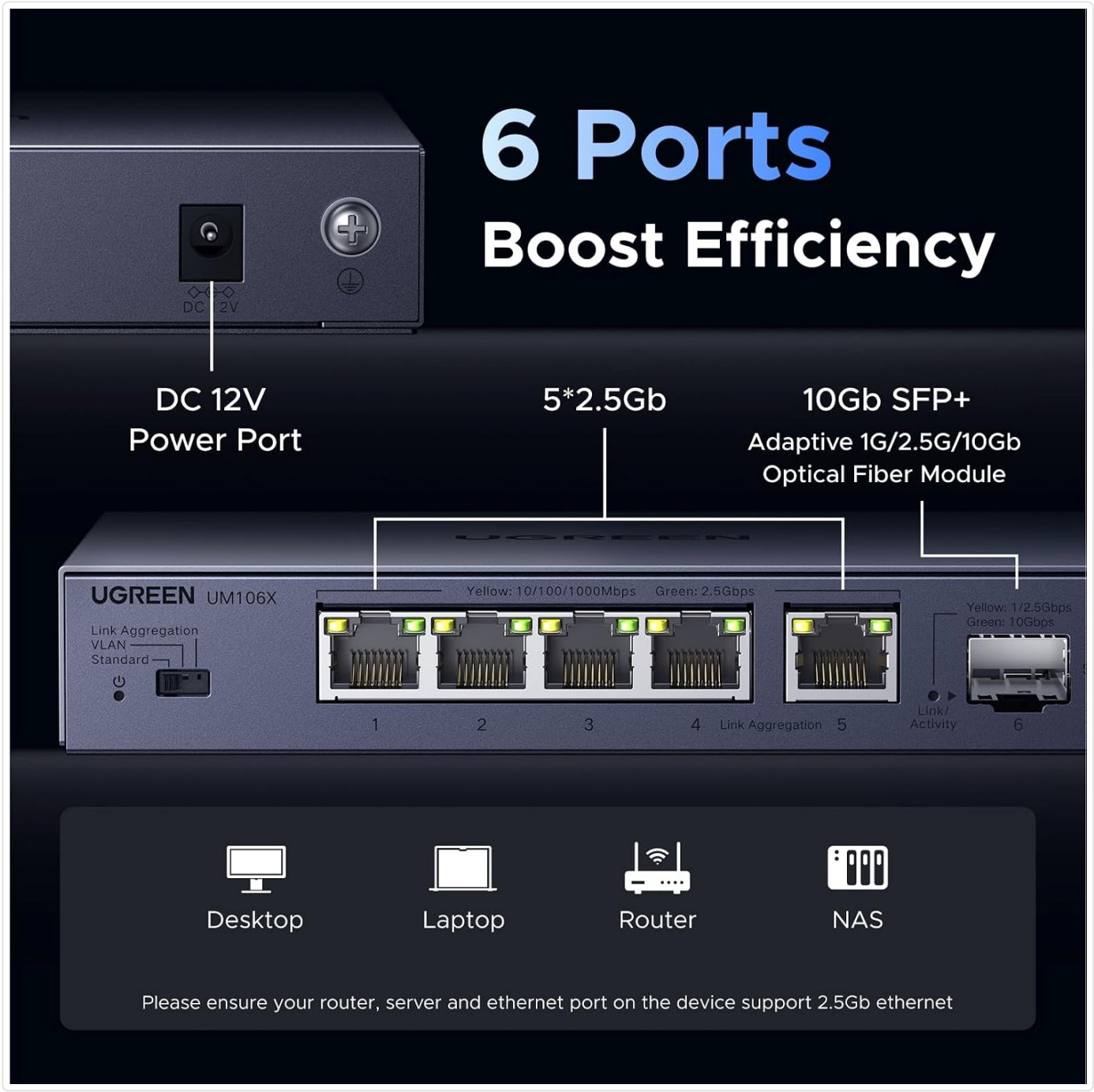


Image: A detailed view of the UGREEN 6-Port 2.5Gb Ethernet Switch, highlighting the DC 12V Power Port, five 2.5Gb ports, and one 10Gb SFP+ port.

Operating Instructions

UGREEN 2.5Gb USB C Ethernet Adapter

The UGREEN 2.5Gb USB C Ethernet Adapter is designed for plug-and-play operation. Once connected, most modern operating systems (Windows, macOS, Linux) will automatically detect the adapter and install necessary drivers. If

automatic installation does not occur, please refer to the Troubleshooting section.



Image: The UGREEN 2.5Gb USB C Ethernet Adapter facilitating data transfer between a laptop and a Network Attached Storage (NAS) device.

UGREEN 6-Port 2.5Gb Ethernet Switch Modes

The switch features a mode selector switch to choose between three operational modes:

- **Standard Mode:** All ports can connect to the network normally, functioning as a typical unmanaged switch.
- **VLAN Mode:** Ports 1-4 are isolated from each other but can communicate with ports 5-6. This improves network management and prevents broadcast storms.
- **Link Aggregation Mode:** Ports 4 and 5 are aggregated to increase bandwidth for multi-port devices such as NAS.

To change modes, use the physical switch located on the front panel of the Ethernet switch.

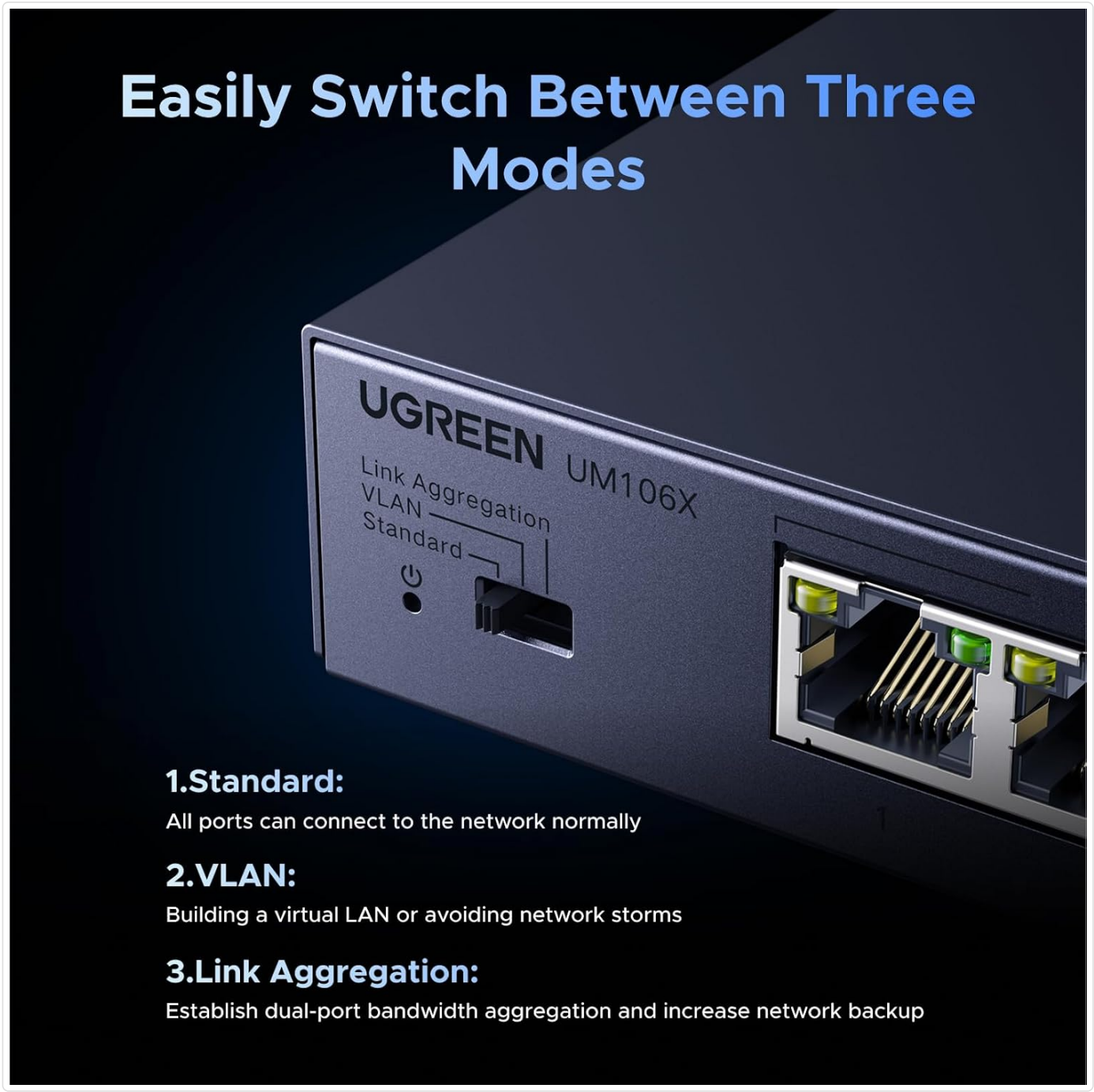


Image: Close-up of the UGREEN 6-Port 2.5Gb Ethernet Switch, showing the physical switch for selecting Standard, VLAN, or Link Aggregation modes.

Compatibility

The UGREEN 2.5Gb USB C Ethernet Adapter and 6-Port 2.5Gb Ethernet Switch are compatible with a wide range of devices and operating systems:

- **Compatible Devices:** Camera, Desktop, Game Console, Laptop, NAS, Printer, Smartphone, Tablet.
- **Hardware Interface:** Ethernet, USB 3.1 Type C.
- **Operating Systems:** Windows, macOS, Linux (driver installation may be required for some Linux distributions).

Note: Ensure your router, server, and Ethernet port on the device support 2.5Gb Ethernet for optimal performance.

Specifications

Feature	Detail
Brand	UGREEN
Hardware Interface	Ethernet, USB 3.1 Type C
Data Link Protocol	Ethernet, USB
Data Transfer Rate	2.5 Gigabits Per Second
Ethernet Switch Ports	5 x 2.5Gb uplink ports, 1 x 10Gb SFP+ port
Ethernet Switch Modes	Standard, VLAN, Link Aggregation

Troubleshooting

- **No Network Connection:**
  - Ensure all Ethernet cables are securely connected to both the adapter/switch and your devices/router.
  - Verify that the adapter's indicator lights are active, indicating data transfer.
  - Check your device's network settings to ensure the Ethernet connection is enabled and configured correctly.
  - For the adapter, ensure your operating system has the correct drivers installed. While often plug-and-play, some systems might require manual driver installation.
- **Slow Connection Speed:**
  - Confirm that all connected devices, cables (Cat 6a or better), and your router/modem support 2.5Gbps speeds.
  - Ensure the Ethernet switch is in the appropriate mode (e.g., Standard mode for general use, Link Aggregation if configured for it).
  - Disable any energy-saving modes on your PC that might limit network performance.
- **Intermittent Connection:**
  - Check for loose cable connections.
  - Test with different Ethernet cables to rule out cable issues.
  - Ensure the power supply to the switch is stable.

Maintenance

- Keep the devices clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the devices to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the devices yourself. Contact UGREEN support for assistance.
- Ensure proper ventilation for the Ethernet switch to prevent overheating.

Support

For further assistance, technical support, or warranty inquiries, please visit the official UGREEN website or contact their customer service. You can often find detailed FAQs and troubleshooting guides on their support pages.
Visit the UGREEN Store: UGREEN Official Store

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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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