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› [VEDINDUST](#) /

› VEDINDUST LAN Splitter 1 to 3 Ethernet Switch User Manual

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Model: **LAN Splitter 1 to 3** | Brand: **VEDINDUST**

1. INTRODUCTION

The VEDINDUST LAN Splitter 1 to 3 Ethernet Switch is designed to expand your network connectivity, allowing up to three devices to share a single Ethernet line. This device facilitates stable and reliable data transfer at speeds up to 1000 Mbps, making it suitable for various applications including file transfers, video streaming, and online gaming. It is powered via a USB cable for convenient setup.



Image 1.1: The VEDINDUST LAN Splitter 1 to 3 Ethernet Switch with connected cables, showcasing its compact design and multiple output ports.

2. PRODUCT FEATURES

- **1-to-3 Ethernet Splitter:** Allows three computers or devices to simultaneously share a single Ethernet line, addressing insufficient cabling issues.
- **High-Speed Gigabit Transmission:** Supports stable and reliable data transfer up to 1000 Mbps (1 Gigabit) for efficient network performance.
- **USB Powered:** Conveniently powered by the included USB cable, ensuring easy integration into various setups.
- **Durable Construction:** Features an aluminum metal casing for enhanced durability and long-lasting use.
- **LED Indicators:** Equipped with LED indicators to display network status for each port.

3. PACKAGE CONTENTS

Please verify that all items are present in your package:

- VEDINDUST LAN Splitter 1 to 3 Ethernet Switch
- USB-C Power Cable
- User Manual (this document)



Image 3.1: The package contents, including the LAN splitter, USB-C power cable, and user manual.

4. SPECIFICATIONS

Specification	Detail
Brand	VEDINDUST
Model Number	LAN Splitter 1 to 3
Number of Ports	3 (Output)

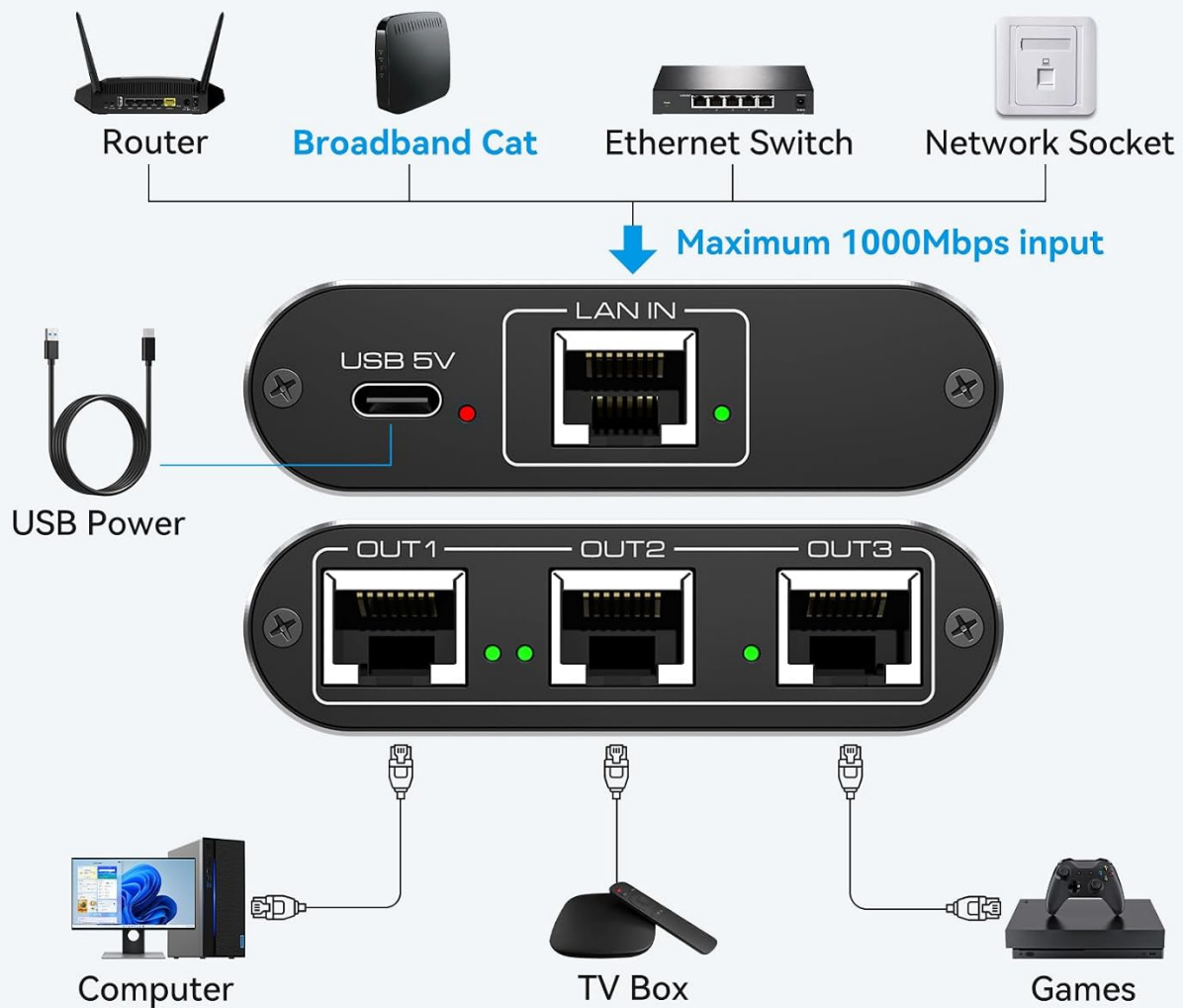
Data Transfer Rate	Up to 1000 Mbps (1 Gigabit)
Voltage	5 Volts (DC)
Power Input Type	USB-C
Color	Black
Included Components	LAN Splitter, USB-C Power Cable, User Manual
Manufacturer	VEDINDUST

5. SETUP GUIDE

Follow these steps to set up your VEDINDUST LAN Splitter:

- 1. Connect Power:** Connect the provided USB-C power cable to the USB 5V port on the splitter and plug the other end into a USB power source (e.g., computer USB port, USB wall adapter). *Note: The splitter requires external power to function.*
- 2. Connect Network Input:** Connect an Ethernet cable from your network source (e.g., router, broadband modem, existing Ethernet switch, network wall socket) to the 'LAN IN' port on the splitter.
- 3. Connect Output Devices:** Connect Ethernet cables from your desired devices (e.g., computers, TV boxes, gaming consoles) to the 'OUT1', 'OUT2', and 'OUT3' ports on the splitter.

Ethernet Splitter 1000Mbps LAN 1×3



Notes: OUT1/OUT2 and OUT3 output ports share a 1000Mbps network. The speed depends on your network.

Image 5.1: Connection diagram illustrating how to connect the LAN splitter to a network input, USB power, and multiple output devices.

Network Splitter for 3 computers



Image 5.2: Example setup demonstrating the LAN splitter providing network access to three personal computers from a single network input.

Multi device shared network

Note: Suggest that the input and output network cables do not exceed 50 meters



Image 5.3: Multi-device network sharing scenario, showing the splitter connecting to a PC, a TV, and a gaming console.

6. OPERATING INSTRUCTIONS

Once the splitter is correctly set up and powered, it will automatically distribute the network connection to the connected devices. The LED indicators next to each output port will illuminate to show an active connection.

- **Network Speed:** The splitter supports a maximum input speed of 1000 Mbps. When multiple devices are connected, the 1000 Mbps bandwidth is shared among them. If only one device is connected, it can utilize the full 1000 Mbps bandwidth (assuming your network source also supports this speed).
- **LED Indicators:** Observe the green LED indicators for each output port. A lit LED indicates an active network connection for that port.

1000Mbps Gigabit Fast

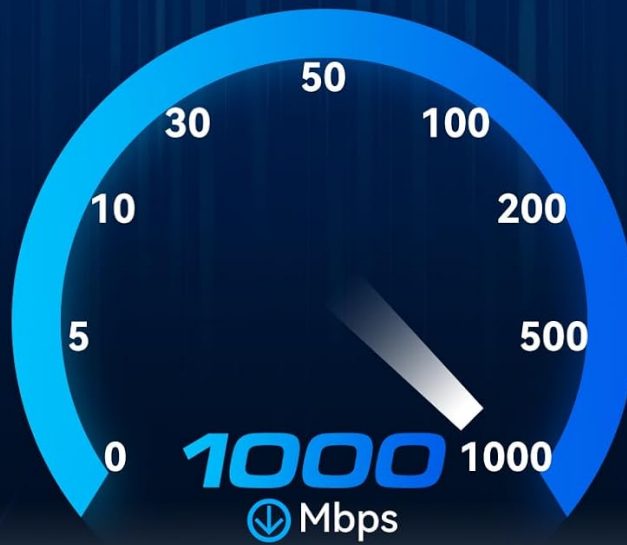
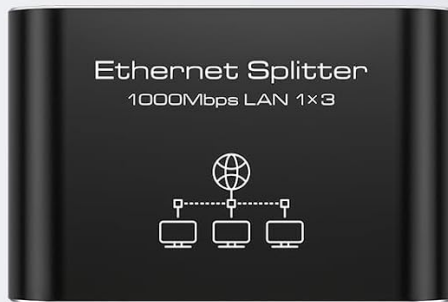


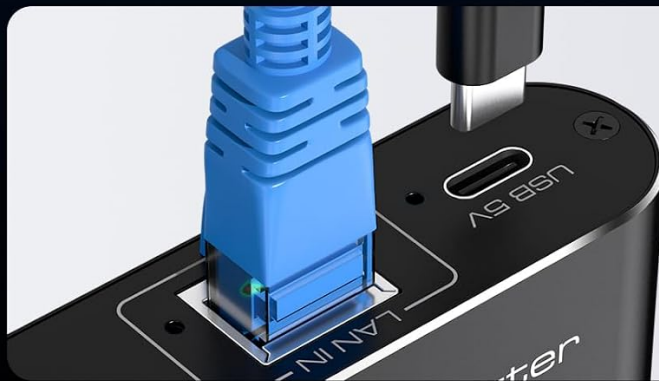
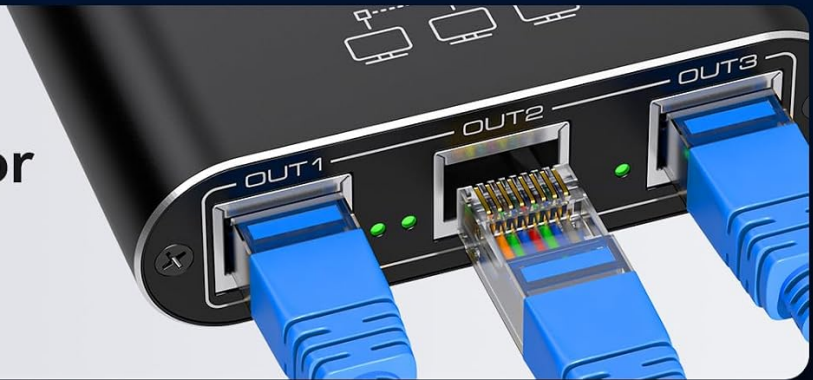
Image 6.1: Visual representation of the 1000 Mbps Gigabit speed supported by the device.

Product Details



Aluminum metal
Durable and long-lasting use

LED indicator
Network Status



USB5V power
Stable operation

Image 6.2: Detailed view of the product, highlighting the LED indicators for network status and the USB 5V power input.

7. MAINTENANCE

To ensure optimal performance and longevity of your LAN splitter, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the device with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Placement:** Place the splitter in a well-ventilated area, away from direct sunlight, heat sources, and moisture.
- **Cable Management:** Ensure all connected Ethernet and power cables are not kinked or strained.
- **Power Cycle:** If experiencing minor issues, disconnect the USB power cable for 10 seconds and then reconnect it to perform a power cycle.

8. TROUBLESHOOTING

If you encounter problems with your LAN splitter, refer to the following common issues and solutions:

- **No Network Connection:**

- Ensure the USB power cable is securely connected to both the splitter and a working power source. The splitter requires power to operate.
- Verify that the Ethernet cable from your network source is securely connected to the 'LAN IN' port.
- Check that the Ethernet cables to your output devices are securely connected to 'OUT1', 'OUT2', or 'OUT3'.
- Confirm that your network source (router, modem) is functioning correctly.

- **Slow Network Speed:**

- Remember that the 1000 Mbps bandwidth is shared among all connected devices. Performance may decrease if multiple devices are actively using the network simultaneously.
- Ensure your input Ethernet cable and all output cables are rated for Gigabit Ethernet (Cat5e or Cat6).
- Check your internet service provider's speed and your router's capabilities.

- **LED Indicators Not Lit:**

- Confirm the splitter is receiving power via the USB-C cable.
- Ensure the Ethernet cables are properly seated in their respective ports.
- Try using different Ethernet cables to rule out cable defects.

9. WARRANTY AND SUPPORT

Information regarding specific warranty terms and customer support contact details is not provided in this manual. Please refer to the product packaging or the retailer's website for warranty information and customer service contacts.
