

NEWCARE NC-1X3

NEWCARE Gigabit Ethernet Splitter 1 to 3

Model: NC-1X3
User Manual

1. INTRODUCTION

The NEWCARE Gigabit Ethernet Splitter 1 to 3 (Model NC-1X3) is designed to expand your wired network connectivity. It allows you to connect up to three devices to a single Ethernet line simultaneously, providing a stable and high-speed network connection of up to 1000Mbps. This splitter is ideal for environments where additional wired network ports are needed without extensive cabling.

The device features a robust design with a USB power input to ensure stable signal transmission and performance. It is compatible with various Ethernet cable types, including Cat5, Cat5e, Cat6, Cat7, and Cat8, and supports a wide range of network devices.

2. PACKAGE CONTENTS

- 1 x NEWCARE Gigabit Ethernet Splitter 1 to 3
- 1 x USB Power Cable

3. SETUP INSTRUCTIONS

Follow these steps to set up your NEWCARE Gigabit Ethernet Splitter:

- Power Connection:** Connect the provided USB power cable to the DC5V port on the Ethernet splitter. Plug the other end of the USB cable into a 5V USB power source (e.g., a USB wall adapter, computer USB port, or router USB port). This ensures stable operation.
- Input Connection:** Connect your main Ethernet cable (from your router, modem, or network wall port) to any one of the four RJ45 ports on the splitter. This port will function as the input.
- Output Connections:** Connect up to three network devices (e.g., computers, laptops, smart TVs, gaming consoles, printers, network switches) to the remaining three RJ45 ports on the splitter using standard Ethernet cables. These ports will function as outputs.
- Verify Connections:** Ensure all Ethernet cables are securely plugged into their respective ports on the splitter and your devices.

5. **Network Verification:** Once all connections are made, check the network status on your connected devices to confirm internet access and network functionality.

Gigabit RJ45 Ethernet Splitter 1 to 3

Support 1000Mbps



Stable Signal



USB Power
Cable Included

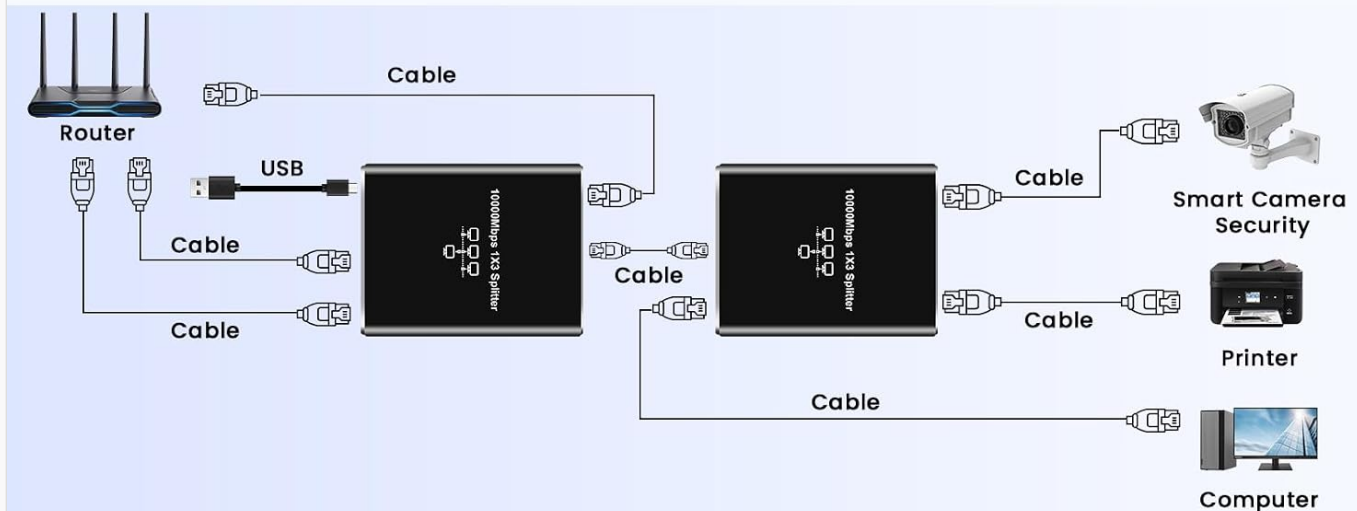


3 Devices Working
Simultaneously



Image: The NEWCARE Gigabit Ethernet Splitter with its USB power cable and Ethernet cables connected, illustrating its function to support 1000Mbps and stable signal for multiple devices.

Connection 1



Connection 2

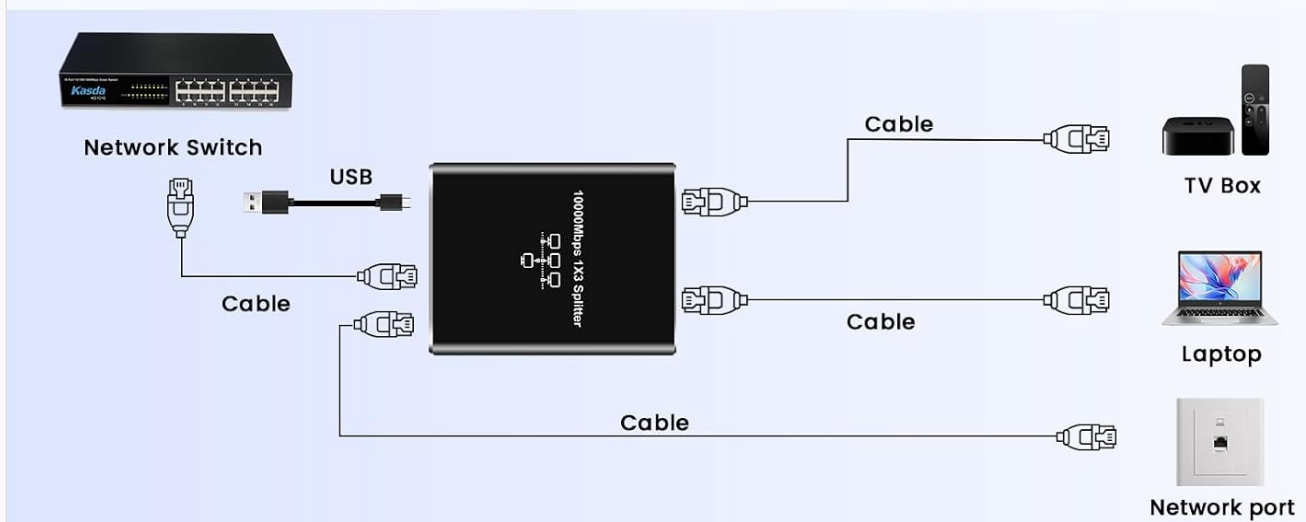


Image: Detailed connection diagrams demonstrating how to integrate the splitter into various network configurations, including connecting to a router, network switch, and multiple end devices.

4. OPERATING INSTRUCTIONS

The NEWCARE Gigabit Ethernet Splitter operates automatically once properly connected and powered. No software installation or manual configuration is required.

- **Simultaneous Networking:** The splitter allows up to three connected devices to access the network simultaneously without interference.
- **High-Speed Transmission:** It supports data transfer rates of up to 1000Mbps, ensuring fast and stable network performance for activities like online gaming, streaming, and large file transfers.
- **Plug and Play:** Simply connect your Ethernet cables and the USB power cable, and the splitter will begin functioning.

Ethernet Splitter 1 to 3

Three devices can access the Internet at the same time,
The Internet speed does not interfere with each other



Image: The Ethernet splitter in an active setup, providing network connectivity to a monitor and a laptop from a single router, highlighting its capability for simultaneous device access.

5. MAINTENANCE

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

- **Environment:** Keep the device in a dry, well-ventilated area, away from direct sunlight, excessive heat, and moisture.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the splitter. Do not use liquid cleaners or aerosols.
- **Handling:** Avoid dropping or subjecting the device to strong impacts. Do not attempt to disassemble or modify the splitter, as this will void any warranty and may cause damage.
- **Cable Management:** Ensure Ethernet cables are not excessively bent or kinked, which can affect signal quality.

6. TROUBLESHOOTING

If you encounter issues with your NEWCARE Gigabit Ethernet Splitter, refer to the following troubleshooting tips:

- **No Network Connection:**
 - Ensure the USB power cable is securely connected to the splitter and a working 5V power source.
 - Verify that all Ethernet cables are firmly plugged into the splitter and your network devices/source.
 - Test the Ethernet cables individually by connecting them directly to your router/modem to rule out cable faults.
 - Confirm that your main network source (router/modem) is powered on and providing an active internet connection.
- **Slow Network Speed:**
 - Ensure you are using Cat5e, Cat6, Cat7, or Cat8 Ethernet cables for Gigabit speeds. Older Cat5 cables may limit performance.
 - Check the speed provided by your internet service provider and your router/modem.
 - Avoid excessively long Ethernet cables, which can lead to signal degradation.
 - Temporarily disconnect other devices to see if network congestion is the cause.
- **Intermittent Connection:**
 - Check for loose cable connections.
 - Ensure the splitter is not placed near sources of strong electromagnetic interference.
 - Try a different USB power source.

7. SPECIFICATIONS

Model Number	NC-1X3
Brand	NEWCARE
Hardware Interface	Ethernet (RJ45)
Data Link Protocol	Gigabit Ethernet
Data Transfer Rate	Up to 1000 Mbps (1 Gigabit Per Second)
Ports	1 Input, 3 Output (simultaneous networking)
Power Input	DC 5V (via USB Power Cable)
Compatible Cables	Cat5, Cat5e, Cat6, Cat7, Cat8 Ethernet Cables
Compatible Devices	Switches, Routers, Computers, TVs, Set-top boxes, Projectors, Hubs, Printers, ADSL, Wireless bridges, Laptops, Desktops
Material	PVC environmentally friendly material, built-in thickened PCB main board and metal shielding
Dimensions	9.5 x 9 x 6.6 cm
Item Weight	100 Grams

Broad Compatibility

Input



Router



Network Switch



Network Port

Output



Computer



Router



Printer



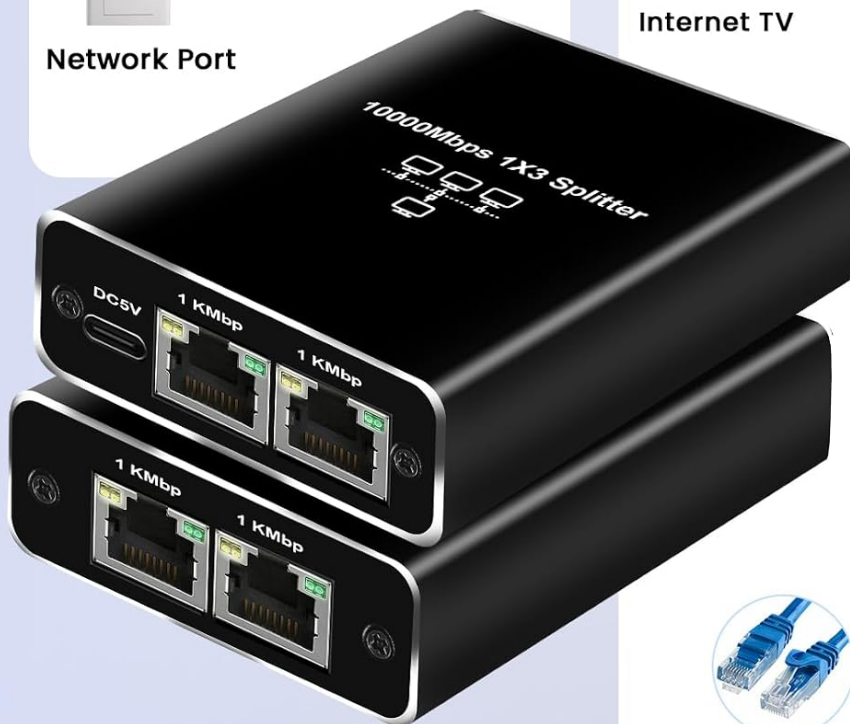
Internet TV



TV Box



Laptop



Ethernet Cables



Cat5e



Cat5



Cat6



Cat7



Cat8

Image: An overview of the splitter's broad compatibility, detailing various input sources like routers and network switches, output devices such as computers and TVs, and the supported range of Ethernet cable categories.

8. WARRANTY AND SUPPORT

For technical assistance, product inquiries, or warranty information, please contact NEWCARE customer service through the retailer's platform or the official NEWCARE website. Please have your product model number (NC-1X3) and purchase details ready when contacting support.

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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

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