**Lapcare LOX-079**

# LAPCARE Laplink 5-Port Gigabit Ethernet Network Switch User Manual

Model: LOX-079

## Introduction

The LAPCARE Laplink 5-Port Gigabit Ethernet Network Switch is designed to expand your wired network with high-speed, reliable connectivity. This device offers a simple plug-and-play solution for connecting multiple Ethernet-enabled devices, ensuring stable data transfer without complex configuration.

## Key Features

- **5 Gigabit Ethernet Ports:** Provides five 10/100/1000 Mbps RJ45 ports for high-speed data transfer.
- **Plug & Play:** Requires no software installation or configuration for immediate use.
- **Auto MDI/MDIX:** Automatically detects and adjusts for straight-through or crossover cables.
- **Durable Metal Housing:** Ensures longevity and efficient heat dissipation.
- **Fanless Design:** Operates silently, suitable for any environment.
- **Flexible Placement:** Supports both desktop and wall-mount installation.

## Package Contents

- LAPCARE Laplink 5-Port Gigabit Ethernet Network Switch (Model: LOX-079)
- Power Adapter (DC 5V)
- User Manual (this document)

## Setup

Follow these steps to set up your network switch:

1. **Unpack the Switch:** Carefully remove the network switch and its accessories from the packaging.




Image: The LAPCARE Laplink 5-Port Gigabit Ethernet Network Switch, showing its compact design and five RJ45 ports.

2. **Choose a Location:** Place the switch on a stable, flat surface or mount it on a wall using appropriate hardware (not included). Ensure adequate ventilation around the device.




Image: The network switch highlighting its durable metal casing, silent operation, and wall-mount readiness.

3. **Connect Network Devices:** Connect your network devices (e.g., computers, printers, gaming consoles, routers) to the RJ45 ports (1-5) on the switch using standard Ethernet cables (Cat5e or Cat6 recommended for Gigabit speeds). The Auto MDI/MDIX feature eliminates the need for specific cable types.




Image: Diagram showing the network switch connecting to various compatible devices, illustrating network expansion.

4. **Connect Power:** Insert the DC 5V power adapter into the power port on the switch and then plug the adapter into a standard electrical outlet. The power LED indicator on the switch should illuminate, indicating it is powered on.




Image: Detailed view of the switch ports and power input, emphasizing its plug-and-play nature and simple power connection.

The switch is now ready for use. No further configuration is required.

## Operating Instructions

The LAPCARE Laplink Network Switch operates automatically once powered on and connected to network devices. It functions as a central connection point for your wired network.

- **Data Transfer:** The switch automatically detects the speed of connected devices (10/100/1000 Mbps) and optimizes data flow.
- **LED Indicators:** Each RJ45 port has an LED indicator. A lit LED indicates an active connection, and a blinking LED indicates data activity.
- **Full Duplex/Half Duplex:** The switch supports both full-duplex and half-duplex modes, automatically negotiating the best mode for each connection.




Image: Multiple users connected to the network switch, illustrating its capability to support several devices simultaneously for stable network performance.

## Maintenance

To ensure optimal performance and longevity of your network switch:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the switch. Do not use liquid or aerosol cleaners.
- **Ventilation:** Ensure that the ventilation openings are not blocked. Avoid placing the switch in enclosed spaces that can trap heat.
- **Power:** Disconnect the power adapter during electrical storms or when the device is not in use for extended periods.
- **Environment:** Keep the switch away from water, fire, and high temperatures (above 40°C).

## Troubleshooting

| Problem | Possible Solution |
| --- | --- |

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| --- | --- |
| **No Power** | Ensure the power adapter is securely connected to the switch and a working electrical outlet.<br>Verify the power outlet is functional by plugging in another device. |
| **No Link/Activity LED** | Check if the Ethernet cable is securely connected to both the switch port and the network device.<br>Try a different Ethernet cable.<br>Ensure the connected network device is powered on and functioning correctly.<br>Try connecting to a different port on the switch. |
| **Slow Network Speed** | Ensure all connected devices and cables support Gigabit Ethernet (1000 Mbps). Cat5e or Cat6 cables are recommended.<br>Check for network congestion or issues with the connected router/modem.<br>Restart the switch and connected devices. |
| **Intermittent Connection** | Inspect Ethernet cables for damage. Replace if necessary.<br>Ensure the switch is placed in a well-ventilated area to prevent overheating.<br>Check for electromagnetic interference from other electronic devices. |

## Specifications

| Feature | Detail |
| --- | --- |
| **Model Number** | LOX-079 |
| **Brand** | Lapcare |
| **Number of Ports** | 5 |
| **Interface Type** | RJ45 |
| **Data Transfer Rate** | 10/100/1000 Mbps (Gigabit Ethernet) |
| **Auto MDI/MDIX** | Supported |
| **Housing Material** | Metal |
| **Cooling** | Fanless |
| **Power Input** | DC 5V |
| **Product Dimensions** | 7L x 6W x 10H Centimeters |
| **Item Weight** | 120 Grams |
| **Operating Temperature** | Up to 40 Degrees Celsius |
| **Compatible Devices** | Desktop, Gaming Console, Laptop, Printer |

## Warranty and Support

For warranty information and technical support, please refer to the official Lapcare website or contact their customer

service. Keep your purchase receipt for warranty claims.

**Manufacturer:** LAPCARE, Lapcare

**Country of Origin:** India

For further assistance, visit the Lapcare Store on Amazon.

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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