

How to configure the router when changing IP address via fiber optic cable



AI Overview

You can change your fiber optic router's IP by adjusting either the public WAN IP via your ISP or the private LAN IP through the router's admin settings.

Step 1: Access Your Router Settings
Connect your computer to the router via Ethernet or Wi-Fi. Open a web browser and enter the router's IP address (commonly 192.168.1.1 or 192.168.0.1) in the address bar. Log in using the admin username and password (check the router label if you haven't changed it).

Step 2: Changing the Private LAN IP
Navigate to Network Settings or LAN Settings in the router interface. Locate the IP Address field and enter a new private IP (e.g., 192.168.1.2) that is within your network range and not used by another device. Save the changes and reboot the router. Reconnect your devices and ensure they receive updated IP addresses automatically via DHCP.

Step 3: Changing the Public WAN IP
Most residential fiber connections use dynamic IPs assigned by your ISP. To get a new public IP, power off the router for 5–30 minutes to allow the DHCP lease to expire. Turn the router back on; it will request a new IP from your ISP. If the ISP keeps assigning the same IP, use MAC address cloning in the router settings to trick the ISP into issuing a new IP.

Step 4: Verify the Change
Check your public IP using an online IP checker to confirm the WAN IP has changed. For private IP changes, access the router using the new IP to ensure connectivity.

Tips for Fiber Routers
Ensure the router firmware is up to date for smooth configuration. Record your original IP, login credentials, and DHCP range before making changes to avoid losing access. Use a wired connection when changing IP settings to prevent disconnections during the process. By following these steps, you can successfully change both the internal LAN IP and the external WAN IP on your fiber optic router, improving network organization, privacy, or resolving IP conflicts.

Article Content

The Top 10 WiFi Routers In India (2026 Best Sellers)

This tutorial explores the top WiFi Routers in India with their pricing, features, and comparison to help you select the best WiFi Router.

127.0.0.1: Understanding the Localhost IP

The IP address 127.0.0.1 is known as the localhost and is used for testing on your computer. When a message is sent to 127.0.0.1, it stays within the computer and does not reach the

How to Connect a Fiber Optic Cable to a Router

Setting up a fiber internet connection requires understanding key hardware components and following a specific connection sequence to establish your home network. This guide details the

DrayTek Vigor ADSL Routers, Firewalls and Networking

DrayTek networking products including routers, switches, access points, firewalls, VPN, central management, and 4G/5G connectivity solutions.

How to Share an Internet Connection on Any Device

An easy walk-through on sharing your internet connection on any PC, phone, or laptop If you're trying to share your internet connection with multiple devices at your house, you may be wondering how to do it without complicated

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How To Configure Router For Fiber Internet: Step-By-Step Guide

To set up your router for fiber internet quickly, connect the router to your fiber modem, access the router's settings via a web browser, and input the provided ISP credentials. Make sure to

How to Connect Fiber Optic Cable to Router: A Step-by-Step Guide

However, setting up a fiber optic connection to your router can seem daunting if you're unfamiliar with the process. In this guide, we'll walk you through how to connect a fiber optic cable to ...

How to Connect Fiber Optic Cable to Router: Top 5

Learn how to connect fiber optic cable to router with our step-by-step guide. Optimize your home network for speed and reliability!

How to Set up a Wireless Network (WiFi) Connection

WiFi Network Setup Connect the router to your computer via an ethernet cable. Open the router's configuration page using a web browser.

How to Configure Router (Step-by-Step)

In this article, I will guide you through how to configure a router so you get a secure and fast home network. Each router is slightly different, but the basics are pretty much the same.

Set up a Mikrotik Router HEXs with Fiber Optic Modem

The configuration guide for setting up a Mikrotik Router HEXs a for your home network. The router is used in conjunction with a fiber optic modem to provide Internet access.

How to Manually Change Router IP Address

Once you know the default or the current IP Address of Router, you can follow the steps below to change the IP Address of your Router. 1. Open Google Chrome or any other web browser on your

How to open Sandbox links from Co-Pilot

I've asked Co-Pilot to help me create a document. It creates one in both word and .pdf format. But when i open the links they are dead. Does anyone know how to open sandbox links?

How to configure a TP Link fiber optic router

By following these steps, you can configure your TP-Link fiber optic router using a wired Ethernet connection and improve the quality of your internet connection.

From DMX cables to networking: how Art-Net and sACN are

In other words, the Art-Net signal generated by a lighting console (or a PC) is transmitted via a standard network cable to an unmanaged switch, typically the simplest and most cost-effective

Fiber Optic Cable to Router: Step-by-Step Guide

Master the process of connecting a fiber optic cable to your router. Dive into preparation tips, setup instructions, and configuration settings for optimal fiber internet connectivity.

Find and Configure Network IP Addresses

Learn to configure network addresses by logging into your GFiber account. Optimize your connectivity and enhance your internet performance effortlessly.

ITPro Today, Network Computing, IoT World Today combine

ITPro Today, Network Computing and IoT World Today have combined with TechTarget . The page you are looking for may no longer exist.

How to Share an Internet Connection on Any Device

Open your wireless router's configuration page. Now that the host computer is set up, you'll need to configure the router to allow it to pass the connection through. Enter your router's IP address into a web browser and

Release Notes for Cisco 4000 Series ISRs, Cisco IOS XE Dublin 17.12.x

New and Changed Software Features in Cisco IOS XE 17.12.2 This release provides a fix for CSCwh87343: Cisco IOS XE Software Web UI Privilege Escalation Vulnerability.

How to Connect a Fiber Optic Cable to a Router | Network Setup - Sivo

Step 1: Connect the fiber cable from the ISP into the designated port on the ONT.

Step 2: Connect an Ethernet cable from the ONT's Ethernet port to your router's WAN port. Step 3:

PLDT Default Admin Password, Username for Fiber, DSL, Ultera

PLDT Home offers a variety of internet plans, including Fiber, DSL, and Ultera. Each plan comes with its own modem/router. To manage and secure your WiFi network efficiently, you must

OSI Model Explained — All 7 Layers with Real-World Examples

Layer 3: Confirm the phone received an IP address via DHCP option 150 (TFTP server for phone configuration). Layer 4: Use show ip nat translations to verify RTP streams (UDP ports 16384-32767)

How to Ping an IP Address on Windows, Mac, and Linux

Learn how to ping an IP address with these simple stepsThe Ping command allows you to test the connection speed between you and an IP address. This wikiHow will teach you how to use the Ping command on any

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