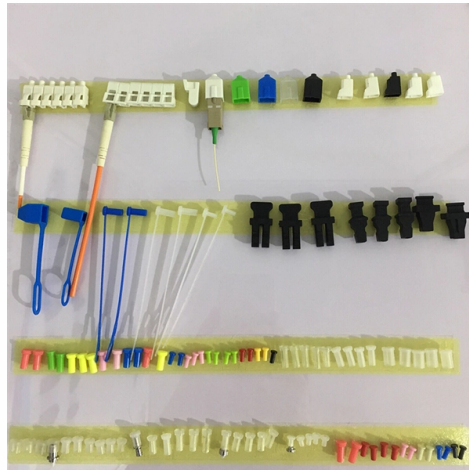


Should the router be placed in the fiber optic port or on the ground



Overview

A router on the floor sends most of its signal into the ground. Place it on a high shelf, bookcase, or wall mount at chest to head height (4-5 feet). Most routers with vertical antennas radiate in a horizontal donut shape, strong signal travels sideways, while the area directly above and below receives weaker coverage. But your home devices — like your laptop, smartphone and smart TV — can't interpret light signals. It converts those light signals into the digital data your devices can. It receives data from your ISP through a physical connection, such as a coaxial cable or fiber optic cable, and converts it into a digital signal that your devices can understand. In essence, the modem acts as a translator, allowing your devices to communicate with the internet. Where should you put your router?

The absolute best place to put your router is both directly next to your master socket or optical network terminal (ONT) and directly next to the system that you want to connect. Here's the quick answer: Place your router in a central, unobstructed location.



Article Content

Where Is the Best Place to Set Up Your Router?

Never place computing devices on the ground, even your router. When sitting on the floor, they can overheat and be exposed to static shock, which can fry the components inside.

ONT installation guide: indoor vs outdoor

Learn the key differences between indoor and outdoor ONT installations. Discover expert tips to choose the right placement for reliable, hassle-free fiber internet.

Router Placement Guide: Where to Put Your Router for Best Signal

Learn exactly where to place your WiFi router for the strongest signal and best coverage. 10 placement tips with room diagrams and signal analysis.

Best Place for Your Router: Expert Tips for Stronger Wi-Fi

Learn the best places to put your router for faster, more reliable Wi-Fi. Discover expert tips to boost coverage, avoid dead zones, and optimize your home internet setup.

You're putting your router in the wrong spot. Here's where to put it ...

The absolute best place to put your router is both directly next to your master socket or optical network terminal (ONT) and directly next to the system that you want to connect to it.

Optimizing Your Wi-Fi: The Ultimate Guide to Placing Your Modem ...

Place your router in a central location in your home to minimize the impact of physical barriers and maximize signal strength. Avoid placing the router in a corner or against a wall, as this ...

Router Placement Guide: Where to Put Your Router for Best WiFi

Discover the best router placement spots to eliminate dead zones, boost speeds, and get reliable WiFi coverage throughout your entire home

Choosing the Best Spot for the Router in Your New House

Putting the router in an unobstructed place, such as near an open doorway, will help the signal travel farther. As furniture can also block the signal, elevate the router by placing it on a shelf ...

How to find the best place for your WiFi router

Placing your router on a high shelf or mounting it on a wall can provide a better signal and is the safest place for a WiFi router in your home, much better than leaving it on the floor.

Science-Backed Rules for Proper Router Placement

This article breaks down scientifically validated rules for optimal router positioning, supported by engineering data, peer-reviewed studies, and practical deployment experience.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://budowasilesia.pl>

Email: contact@budowasilesia.pl

Phone: +48 537 192 846

Address: ul. Chorzowska 45, 40-001 Katowice, Silesian Voivodeship, Poland

This document is for informational purposes only. Specifications subject to change without notice.

