Wi-Fi Coverage and Performance: What to Expect

Technical Support · https://quickline.co.uk/knowledge/wi-fi-coverage-and-performance-what-to-expect/

The Quickline Router

We provide a **powerful Wi-Fi 6 router** with **high-performance antennas** designed to deliver strong and reliable coverage. This should give **good coverage in a typical home** and support multiple devices with fast, stable connections.



Like all radio signals, Wi-Fi performance depends on factors outside our control, including:

- **Your home's construction** – Thick walls, metal structures, and insulation can weaken the signal.
- **Interference** – Other wireless networks, household electronics, and even microwaves can affect Wi-Fi strength.
- **Your devices** – Older phones, tablets, and laptops may not fully benefit from Wi-Fi 6 speeds.
- **Router placement** – Positioning the router centrally and away from obstructions helps maintain strong coverage. If it’s placed in a cupboard, behind furniture, or in a far corner of the home, **Wi-Fi signal will be weaker and coverage may be noticeably worse**.

Because of these factors, we **cannot guarantee Wi-Fi speeds or coverage**. Placing the router in the best possible location can help you get the most from your connection.

Where to Put Your Router for the Best Wi-Fi Coverage

Nobody wants a poor Wi-Fi signal but there are some solutions. The placement of your router affects your Wi-Fi speed and reliability. Here’s how to get the best performance at home.

Place it in a Central Location

- Wi-Fi signals spread out in all directions.
- *Best spot:* The middle of your home, away from corners.
- *Example:* If your router is in a far corner, one side of your home may get weaker Wi-Fi.

Keep it Elevated

- Signals travel better when the router is higher up.
- *Best spot:* On a shelf or mounted on a wall.
- *Example:* A router on the floor will struggle to send signals efficiently.

Avoid Obstructions

- Walls, doors, and furniture can block Wi-Fi signals.
- *Best spot:* In an open space with minimal physical barriers.
- *Example:* A router hidden inside a cabinet will have weaker coverage.

Don’t Put It in the Loft or Under the Stairs

- These locations block signals and reduce performance.
- *Example:* A router in the loft may struggle to send signals through multiple floors. A cupboard under the stairs can trap signals and create weak spots.

Stay Away from Interference

- Other electronics can disrupt Wi-Fi signals.
- Avoid placing near: Microwaves, baby monitors, cordless phones, or large metal objects.
- Example*:* A router near a microwave may cause slow speeds and drop outs when the microwave is running.

Wi-Fi Everywhere

If you've got a larger home, or perhaps a property with thick walls or insulation, you may need some extra help.

If your Wi-Fi has some dead spots or is dropping out in certain parts of the home despite trying the above, we offer a "**Wi-Fi Everywhere service".** This acts an add-on to your broadband that gives you guaranteed Wi-Fi signal across your whole home. Check out this helpful article if you'd like to know more.

Don't forget to follow us on Facebook to stay informed about our latest technology!
