DIY tips for improving WiFi at home

Smarter technology for all

Lenovo



Windows 10

The best devices in the world run Windows 10 Pro.

Sharpen up your WiFi at home so you can be ready for the next big job. Bandwidth-intensive cloud applications, video conferencing and accessing your VPN require a fast and reliable connection. Follow the steps below to ensure you're working with a clear signal.

RIGHT NOW:

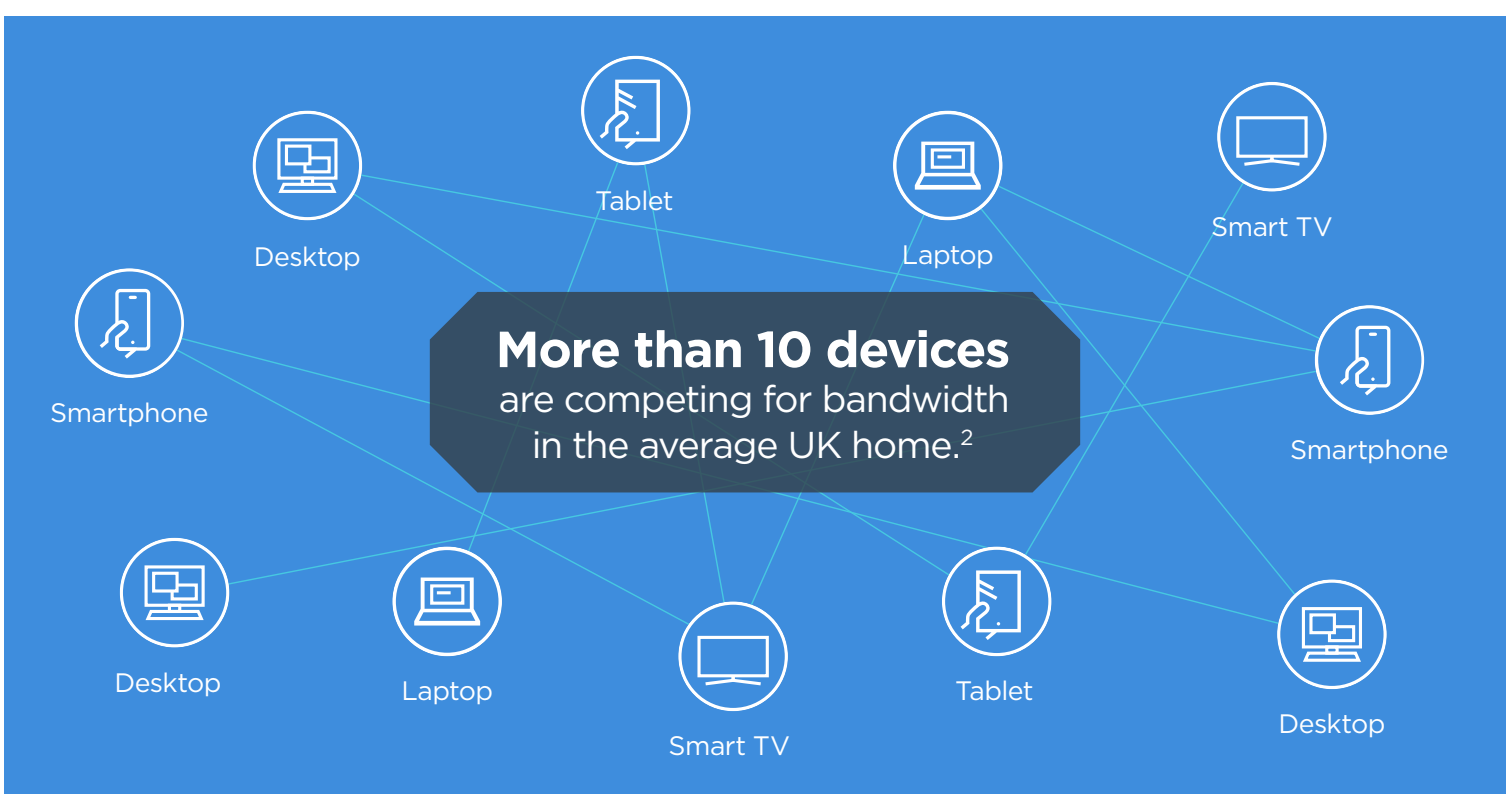
MODERNIZE YOUR ROUTER

Get a router with a multi-core processor that offers dual-band frequencies. This is important for speed, capacity and network management capabilities.

WiFi 6 IS THE LATEST GENERATION, OFFICIALLY CERTIFIED IN SEPTEMBER 2019.

Compared to the previous generation, it gives you:[1]

- **Better handling** of multiple devices (IoT)
- **Up to 40% faster** single-user data speed
- **4x more throughput** per user in crowded environments
- **Better power efficiency** improves device battery life



NEXT:

FINE-TUNE YOUR ROUTER SETTINGS

Working from home means your network may be divided between business and domestic use.

A

Adjust the router's Quality of Service (QOS) settings to prioritize bandwidth for web conferencing and work apps

B

Set your work devices to operate on 5GHz frequency, which should reduce interference from other home devices

C

Upgrade your internet connection speed so you can work more efficiently

D

Check the important connections

- Make sure your devices aren't sharing the same IP address on your local network
- Check that DHCP is enabled in your router control panel
- Reboot your devices. Reboot your router

Free WiFi optimization apps will help you to:

- Discover which channel has the least "crowding". Then, manually configure your router to transmit on that frequency.
- Reduce signal interruptions by finding the optimal router placement. Often this will be up high, away from metal and glass surfaces.

LATER:

INVEST IN A MODERN, POWERFUL LAPTOP

Lenovo machines are made for business, helping you to get the best experience of working on your home WiFi network.



ThinkBook Plus

If you can't upgrade your PC, get an affordable WiFi 6 adapter that plugs into a USB port.

Remember, not all PC antennae are made equal

The Lenovo ThinkPad and ThinkBook 13s and 14s use clever design and materials to detect and retain high quality signal over distance, even with potentially disruptive barriers in between.



ThinkBook 13s

For more information about setting up a professional WiFi network in your own home, visit

www.lenovo.com/remoteworking

or contact your Lenovo Account Representative.

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[1] https://itpeernetwork.intel.com/fastest-wi-fi-three-things-know-about-802-11ax/#gs.1sm923

[2] https://www.aviva.com/newsroom/news-releases/2020/01/tech-nation-number-of-internet-connected-devices-grows-to-10-per-home/

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