BILL'S HOME TECH

Home & Small Business Tech Solutions

AN EXTENDED GUIDE · NO. 1969

Updated November 2026

Why Your Apartment Wi-Fi Is Slow — And What You Can Fix Without the Landlord

Fixes you can do without the landlord Move it, change a band, retire old gear Free first — gadgets only if you need them

Tech Made Simple. Service Made Personal.

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THE 60-SECOND VERSION

1 The Whole Plan on One Page

If you read only one page, read this. Here is the whole idea as a short checklist.

Apartment Wi-Fi feels slow for a handful of ordinary reasons, and almost all of them are things you can fix yourself — no landlord, no electrician, no holes in the wall. The router is often shoved in a closet or sitting on the floor. It may be an old box.

Nearby devices may be stuck on the slow lane. And a few rooms may simply be too far from the signal. This guide walks through each one, slowly.

1. Run a quick speed test to see whether it is the Wi-Fi or the internet itself.
2. Move the router up high, out in the open, and as central as you can.
3. Put nearby phones, TVs and laptops on the faster 5 GHz band.
4. Retire a router that is many years old; it may be the whole problem.
5. For a far bedroom, add a mesh unit or run a flat cable along the baseboard.
6. Reboot the router once, the right way, and recheck.

> **GOOD TO KNOW**
>
> You do not need permission for any of this. Everything here is on your side of the wall — your own router, your own devices, your own settings. Nothing here risks your deposit.

Take it one page at a time. Most people find the fix in the first few steps and never need the rest. There is no wrong pace, and there is nothing here you can break.

WHAT THIS IS

2 Why Apartment Wi-Fi Feels Slow

Wi-Fi is just radio. Your router sends out a signal, and your phone, TV and laptop listen for it. Anything that gets in the way of that signal — a thick wall, a metal cabinet, distance, or a crowd of other signals — makes it weaker and slower. An apartment is one of the hardest places for radio, because it packs all of those troubles into a small space.

- Thick or old walls, especially plaster with wire mesh inside, block the signal.

- A router hidden in a closet or down on the floor is half-muffled before it starts.
- An older router simply cannot move data as fast as a newer one.
- Dozens of neighbors' networks share the same air, which crowds the channels.

The good news is that none of this is a mystery, and none of it requires changing the building. The weak spots are predictable, and the fixes are the same ones a professional would try first. We will go through them in the order that solves the most problems with the least fuss.

> **GOOD TO KNOW**
> Before you spend a dime, try moving the router and switching bands. Those two free changes fix more apartment Wi-Fi than any gadget you can buy.

WHY IT MATTERS

3 What Slow Wi-Fi Really Costs You

Slow Wi-Fi is not just an annoyance. For a renter, so much now runs over that one signal: video calls with family, a show in the evening, paying a bill, a doctor's visit by video, a smart speaker, a video doorbell. When the signal stutters, all of it stutters at once, and it is easy to blame yourself or the internet company when the real cause is closer to home.

It also costs money if you let it. People often call their provider and pay for a faster plan, or buy a pricey gadget, when the true fix was free — moving the router three feet. Knowing what actually causes the slowdown saves you from paying for speed you already have but cannot reach.

> **GOOD TO KNOW**
> A faster internet plan does nothing if the weak link is your Wi-Fi inside the apartment. You cannot pour more water through a pinched hose. Fix the hose first.

This guide is about getting every bit of speed you are already paying for to actually reach your chair, your bed and your kitchen table. Most of the time, it is sitting there waiting to be freed.

WHO IT'S FOR

4 Is This Guide for You?

This is the broad, start-here troubleshooter for anyone renting an apartment or condo whose Wi-Fi feels slower than it should. It is for the person who has their own router — the box the internet company gave you, or one you bought — and wants to get the most out of it without touching the building or calling a contractor.

- You rent, so you cannot run new wiring or drill through walls.
- You have your own router or gateway and control its settings and placement.
- Video calls freeze, pages load slowly, or one room has no signal.
- You want free and low-cost fixes before you consider buying anything.

If your real trouble is a crowded building with dozens of networks fighting over the air, there is a companion guide just on that. If you want to blanket a two-story townhouse, there is one on mesh systems. This guide covers everything else — the everyday, fix-it-yourself basics that solve most cases.

> **TIP**
> Start here even if you think you need new equipment. Nine times in ten, the fix is placement or a setting, and you will know for sure before you spend anything.

FIRST, A TEST

5 Is It the Wi-Fi or the Internet?

Before changing anything, find out where the slowdown lives. There are two different things that can be slow: the internet coming into your home, and the Wi-Fi carrying it around your home. The fixes are completely different, so this five-minute test saves you a lot of guessing.

1. On a phone or laptop, open a speed test — search 'speed test' and use a well-known one.
2. Stand right next to the router and run the test. Write down the number.
3. Walk to the slow room and run it again. Write down that number too.
4. If you can, plug a laptop straight into the router with a cable and test once more.

Here is how to read it. If the wired test is slow too, the internet or the plan is the limit, and moving the router will not help — call your provider. If the wired or next-to-the-router test is fast but the far-room test is slow, the internet is fine and your Wi-Fi coverage is the problem. That is what the rest of this guide fixes.

> **GOOD TO KNOW**
>
> Compare your next-to-the-router number against the speed your plan promises. If they roughly match, you are getting what you pay for, and the job is simply spreading it through the apartment.

FIND THE ROUTER

6 Where Your Router Lives Now

The single biggest free improvement in most apartments is moving the router. But first you have to find it and understand what it is. The router is the box that broadcasts your Wi-Fi. In many apartments it is combined with the modem into one unit, often called a gateway, usually provided by the internet company.

Go look at where it sits. In rental after rental, it ends up in the worst possible spot: on the floor behind the couch, inside a cabinet, in a hall closet near the front door, or tucked behind the TV where the cable comes in. Those are convenient for the installer but terrible for the signal, because the signal has to fight its way out before it even reaches you.

- On the floor: the signal sprays into the carpet and furniture, not toward you.
- In a closet or cabinet: the doors and walls soak up much of the signal.
- Crammed behind the TV: metal and wiring sit right in the signal's path.
- In a far corner: half the signal goes out the window to no one.

> **WATCH OUT**
>
> You do not have to move where the cable enters the wall. A longer cable, run neatly along a baseboard, lets you place the router in a far better spot while the connection stays put.

MOVE IT UP

7 Off the Floor and Out of the Closet

Wi-Fi signal tends to spread outward and slightly downward, like light from a bare bulb. That means the router wants to be up high and out in the open, so the signal can reach across the room instead of being swallowed by the floor and furniture. This one change, which costs nothing, often makes the biggest difference of all.

1. Take the router out of any closet, cabinet or drawer it is hiding in.
2. Set it up off the floor — on a shelf, a bookcase, or a sturdy table.
3. Give it a little breathing room; don't bury it behind books or a stack of mail.
4. Stand the antennas, if it has them, straight up.
5. Keep it away from large metal objects, mirrors and fish tanks.

If the cable will not reach a higher spot, a longer flat Ethernet or coax cable is inexpensive and can be tucked along the top of a baseboard with a few adhesive clips — no holes. We cover that trick in its own chapter. For now, just getting the box up to chest height or higher is a fine start.

> **WATCH OUT**
> Heat is the router's enemy. Don't stack it on top of the cable box or a game console, and don't cover its vents. A hot router slows down and drops out. It needs air around it.

MOVE IT CENTRAL

8 Finding the Center of Your Space

After height, the next thing that matters is being central. A router pushed against one outside wall sends half its signal straight out of the building, where it does you no good. Moved toward the middle of your apartment, the same router covers far more of your rooms with the same power.

Picture where you actually use the internet: the couch, the bed, the kitchen table, your chair. Now picture a spot roughly in the middle of those places. That is where the router wants to be. In a one-bedroom, that is often a living-room shelf rather than the corner where the cable happens to come in.

- Aim for the middle of the rooms you use, not the middle of the floor plan on paper.
- A little higher and a little more central beats powerful-but-hidden every time.
- If the apartment is long and narrow, favor the busier end over dead storage space.
- Keep at least one wall of breathing room from the microwave and the kitchen.

> **TIP**
>
> Use the speed test from a few pages back as your guide. Move the router, test in your slow room, and keep whichever spot gives the best far-room number. Let the numbers decide.

PLACEMENT TRAPS

9 Spots That Quietly Kill a Signal

Some places look fine but quietly drain your signal. Knowing the usual culprits helps you avoid them when you pick the router's new home. Each one puts something dense, wet or metallic right in the signal's path, and Wi-Fi hates all three.

- Inside or on top of a metal filing cabinet or media console.
- Right next to the kitchen — the microwave and large appliances interfere.
- Beside a large mirror or a fish tank; glass and water both block signal.
- On the floor behind the sofa, where upholstery and your body absorb it.
- In a bathroom or utility area with tile, pipes and concrete all around.

Thick walls matter too. A signal that passes easily through a sheet of drywall struggles through plaster, brick, concrete, or the wire mesh inside some older apartment walls. You cannot change the walls, but you can place the router so the fewest thick ones stand between it and the rooms you use most.

> **GOOD TO KNOW**
>
> Every wall the signal crosses takes a toll, and crossing a wall at a sharp angle is worse than straight on, because the signal travels through more material. Line-of-sight, even through a doorway, always beats going through the thick of a wall.

THE TWO BANDS

10

2.4 GHz and 5 GHz, Plainly

Almost every modern router broadcasts on two bands at once, and understanding them in plain terms unlocks a lot of speed. Think of them as two different roads. The 2.4 GHz band is a slower road that reaches farther and passes through walls better. The 5 GHz band is a much faster road, but its range is shorter and it fades more through walls.

- 2.4 GHz: slower, but reaches the far bedroom and punches through walls.
- 5 GHz: much faster, best for devices in the same or next room as the router.
- Most phones, TVs and laptops can use either, and will pick one automatically.
- The crowding from neighbors is almost always worst on the older 2.4 GHz band.

The practical takeaway is simple. For a device near the router — your TV, your laptop at the desk — you want it on the fast 5 GHz road. For something far away or behind thick walls, 2.4 GHz may actually connect better even though it is slower, because at least the signal arrives. The next chapter shows how to steer your devices onto the right one.

> **GOOD TO KNOW**
>
> A newer category called 6 GHz exists on the latest routers and phones, and it is wonderfully uncrowded. If your gear has it, use it like a faster, cleaner version of 5 GHz for nearby devices.

USING 5 GHZ

11

Putting Nearby Devices on the Fast Lane

If your important devices are close to the router but still feel slow, they may be sitting on the slow 2.4 GHz road out of habit. Getting them onto 5 GHz is often a dramatic, free speed boost. How you do it depends on whether your router shows the two bands as one network name or two.

If you see two Wi-Fi names, often ending in something like '-5G' and '-2.4G', simply connect your nearby device to the one marked 5G. On the device, forget the old

network and join the 5G one, so it stops drifting back. If you see only one name, the router is blending the bands for you, and it tries to put each device on the best one automatically.

1. On your phone, open Wi-Fi settings and look at the available networks.
2. If you see a '5G' version of your network, tap it and enter your password.
3. For a device that keeps reconnecting to the slow band, choose 'forget' on the 2.4 version.
4. Run a quick speed test afterward to confirm the jump.

> **WATCH OUT**
>
> The 5 GHz road fades fast through walls. If a device drops out when you walk to another room, let it use 2.4 GHz there — a steady slower connection beats a fast one that keeps dying.

ONE NAME OR TWO

12 Should the Bands Share One Name?

Routers handle the two bands in one of two ways, and you can usually choose. Some blend both bands under a single network name and quietly move each device to whichever band suits it — this is often called band steering. Others keep the bands as two separate names, leaving the choice to you. Both approaches work; each has a trade-off worth knowing.

- One shared name: simplest to use; the router decides, though not always perfectly.
- Two names: more control; you manually pin a device to fast-but-near or slow-but-far.
- Seniors and guests usually prefer one name — fewer choices, less confusion.
- If a device keeps picking the wrong band, splitting the names fixes it for good.

You change this in the router's settings, reached through its app or by typing its address into a web browser — the sticker on the router usually tells you how. If you are happy with how things work, leave it alone. Only split the names if a particular device keeps clinging to the slow band no matter where it is.

TIP

If you do split the names, keep the password the same on both. That way a device can hop between them without you retyping anything.

Rather not do this yourself? I'll come to your home and set it up for you — a flat $99 first visit across Portage County, Ohio and nearby communities. Outside the area? I also help remotely by phone or screen-share. Book at billshometech.com/book or call (330) 200-8042.

CROWDED AIR

13 When the Neighbors Crowd the Airwaves

In a busy building, part of your slowdown may have nothing to do with your gear at all. Every neighbor's router shares the same airwaves, and when dozens of networks talk at once, they step on each other like a room full of people all speaking louder to be heard. This is called congestion, and it is the signature apartment-and-condo problem.

There is real relief for it: changing which channel your router uses, leaning on the less-crowded 5 GHz and 6 GHz bands, and using a free app to find a clearer lane. Because this topic runs deep and technical, it has its own companion guide dedicated entirely to it. Here, just know it exists and that it is fixable.

GOOD TO KNOW

A quick first move: in your router's settings, set the 2.4 GHz channel to auto, or to 1, 6, or 11. Those three channels do not overlap, and sticking to them reduces the crowding.

If you have already moved the router, switched to 5 GHz, and still fight slowdowns at busy evening hours, congestion is the likely cause, and the dedicated interference guide is your next stop. For most people, though, placement and bands come first.

THE RIGHT REBOOT

14 The Reboot That Actually Helps

'Turn it off and on again' is a cliche because it genuinely works. Routers are small computers, and like any computer they get bogged down after running non-stop for a long time. A proper reboot clears that out and often restores speed on its own. The trick is doing it in the right order and giving it enough time.

1. Unplug the router — and the separate modem, if you have two boxes.
2. Wait a full minute. Counting to sixty really does matter; it lets things fully clear.
3. Plug the modem back in first and wait until its lights settle, about two minutes.
4. Then plug the router back in and wait for its lights to settle.
5. Reconnect a device and run a speed test.

> **WATCH OUT**
>
> Do not hold down the little recessed reset button with a pin unless you mean to. That erases your network name and password and starts the setup over. A reboot just means unplugging the power.

If a reboot fixes things but you find yourself doing it often, that is a clue the router is aging or overwhelmed. A once-in-a-while reboot is normal; a nightly one points to a deeper issue covered later.

YOUR PLAN

15 Are You Paying for Enough Speed?

Sometimes the Wi-Fi is doing its job and the internet plan itself is simply small. It is worth a look, because the number of devices in a modern home has grown far faster than most people's plans. A plan that felt fine with one laptop can feel slow once there are phones, TVs, a doorbell and a speaker all sharing it.

- Find your plan's promised speed on a bill or in the provider's app.
- Compare it to your wired or next-to-the-router speed test.
- Count how many devices use the internet at once in the evening.
- If the numbers match but still feel slow, a bigger plan may be warranted.

Before upgrading, make sure the Wi-Fi fixes in this guide are done, so you are not paying for speed you cannot reach. But if a houseful of devices regularly shares a small plan, a modest bump can be the honest answer, and your provider can tell you the options in plain terms.

GOOD TO KNOW

You do not always have to pay more. Providers change their packages often, and a quick call to ask 'what plans are available at my address' sometimes finds a faster one at the same cost.

OLD ROUTER

16 When the Box Itself Is the Problem

Routers do not last forever. An older one may be perfectly healthy yet simply unable to move data at modern speeds, or to handle today's crowd of devices. If your router is many years old, it can be the single thing holding everything else back, no matter how well you place it.

- It only offers the 2.4 GHz band, with no 5 GHz option at all.
- It struggles once several devices are connected at once.
- It needs rebooting often just to stay usable.
- It is labeled with an old Wi-Fi standard, well behind Wi-Fi 6.

The current sweet spot for most homes is a router labeled Wi-Fi 6 or Wi-Fi 6E — fast, affordable, and plenty for a typical apartment. Wi-Fi 7 is the newest and best for very fast internet and the latest phones, but the gains are limited until your devices support it too. Don't buy a router faster than your internet plan or your devices can use.

TIP

If the internet company gave you the box, you may be renting it on your bill. Ask whether buying your own router would end that monthly rental fee — it often pays for itself and performs better.

RENT OR OWN

17 The Box From the Company — Rent or Buy?

Many renters use the combined modem-and-router box the internet company installed. It is convenient and supported, but there are two things worth knowing. First, you may be paying a monthly rental fee for it. Second, the provided box is sometimes a basic model, and your own router may cover the apartment better.

You have choices. You can keep the company box as-is. You can buy your own router and either replace the box or, if it must stay for the internet to work, switch the box into a pass-through mode so your own router does the Wi-Fi. The provider's help line can tell you which applies to your setup.

- Keeping the company box: simplest, but may carry a monthly fee and basic coverage.
- Buying your own: ends the rental fee over time, often better range, you support it yourself.
- A mesh system from the store can replace the box's Wi-Fi entirely for a bigger apartment.
- Whatever you buy, it is yours to take to the next apartment.

> **GOOD TO KNOW**
>
> If you return a rented box when you move or upgrade, keep the receipt or tracking number. An unreturned box can show up as a charge later, and proof of return clears it up fast.

DEAD ROOMS

18 The Bedroom With No Signal

Even with the router perfectly placed, a far bedroom or a room behind a thick wall may still crawl. This is a coverage problem, not a speed problem, and there is no setting that adds range the signal simply cannot reach. The fix is to extend the network into that room, and renters have several no-damage ways to do it.

- A mesh system: two or more units that blanket the whole place in one network.
- A plug-in extender: a cheaper single unit that repeats the signal into one room.

- A flat Ethernet cable run along the baseboard to a small second access point.
- Ethernet-over-coax, using the cable-TV jacks already in the walls, if present.

For a single stubborn room, a plug-in extender is the quick, inexpensive answer. For whole-apartment coverage, especially across floors, a mesh system is far better and is covered in its own guide. The wired options come next, and they are the most reliable of all because they skip the air entirely.

> **WATCH OUT**
>
> A cheap extender cuts the speed roughly in half in the room it serves, because it has to both receive and resend the signal. It is fine for a phone or a smart speaker, less so for heavy video in that room.

EXTENDER OR MESH

19 When One Router Isn't Enough

If one router cannot cover your whole apartment, you have two paths: an extender or a mesh system. They sound similar but behave quite differently, and picking the right one saves frustration. The short version: an extender is a patch for one dead spot, while mesh is a proper network built to cover everything seamlessly.

- Extender: inexpensive, repeats one router's signal, often makes a second network name.
- Mesh: a set of matched units sharing one name, handing your phone off smoothly as you walk.
- For one dead room, an extender is enough and cheaper.
- For a whole apartment, two floors, or seamless roaming, mesh is worth it.

Because mesh is a bigger topic — placement, wired connections between units, which Wi-Fi generation to buy — it has a dedicated companion guide, especially helpful for a townhouse or duplex with a shared center wall. If you only have one weak room, though, you may never need to go that far.

TIP

If you buy an extender, place it halfway between the router and the dead room, where it still gets a strong signal to repeat. Putting it in the dead room itself gives it nothing good to work with.

WIRES, NO DRILLING

20 A Flat Cable or the Coax Jack

The most reliable way to get a strong signal into a far room is to skip the air and use a wire — and renters can do this with no drilling at all. A wire is immune to crowding and thick walls, so a second access point fed by a cable gives that room its own strong Wi-Fi.

- A flat Ethernet cable is thin enough to run under a rug or along a baseboard with clips.
- Adhesive cable clips and raceways hold it in place and peel off cleanly at move-out.
- You can run it through a doorway; the door still closes on a thin flat cable.
- At the far end, plug in a small access point or mesh unit to make Wi-Fi there.

If your apartment already has coax cable-TV jacks in several rooms, there is an even tidier trick: Ethernet-over-coax, sometimes sold as MoCA adapters. These send a network signal through the existing coax in the walls, giving a far room a wired connection without running anything new. The adapters are inexpensive and come with you when you move.

GOOD TO KNOW

Wired backhaul — feeding a second Wi-Fi unit by cable — is the single most reliable upgrade there is. It is how professionals cover a large home, and renters can do it with nothing more than tape-on clips.

TOO MANY DEVICES

21 When Everything Fights for Air

A modern apartment quietly fills up with connected things: two or three phones, a TV or two, a streaming stick, a speaker, a doorbell, a tablet, maybe a camera. Each one takes a small slice of your Wi-Fi even when it seems idle, and in the evening, when several are active at once, they compete. The network can feel slow simply because it is busy.

- Count your connected devices in the router's app — the number often surprises people.
- Unplug or disconnect gadgets you no longer use so they stop taking a slice.
- Put heavy users, like the main TV, on 5 GHz to keep them out of the slow lane.
- If a device offers it, let it update overnight rather than during your evening shows.

A newer router helps here too, because modern routers are far better at juggling many devices at once than older ones. But even a simple tidy-up — removing the old tablet and the gadget you forgot about — can free noticeable breathing room on a busy evening.

> **TIP**
>
> If you ever gave the Wi-Fi password to many guests or old devices, changing it is a clean reset. Only the gear you reconnect comes back, and the forgotten clutter drops away.

EVERYDAY GREMLINS

22 The Microwave and Other Interference

Sometimes Wi-Fi hiccups at oddly specific moments — every time the microwave runs, say, or whenever a certain device is nearby. That is real, and it has a simple cause: a few common household items give off their own radio noise on the same airwaves Wi-Fi uses, mostly the older 2.4 GHz band.

- Microwave ovens leak noise on 2.4 GHz while running; the hiccup ends when they stop.
- Older cordless phones and baby monitors can sit right on the Wi-Fi bands.

- A pile of Bluetooth gadgets nearby adds a little chatter to the same air.
- A neighbor's device on the other side of a thin wall counts too.

The fix is distance and bands. Keep the router a room away from the microwave, and put your important devices on 5 GHz, which these gremlins mostly do not touch. If a specific gadget seems to cause trouble, move it a few feet from the router. This overlaps with building congestion, which the interference guide covers in depth.

> **GOOD TO KNOW**
>
> If the slowdown happens like clockwork at mealtimes, suspect the microwave. Moving the router out of the kitchen's line usually ends it entirely.

UPDATE IT

23 Keeping the Router's Software Fresh

A router runs on built-in software, called firmware, and keeping it current matters for both speed and safety. Updates fix bugs that cause slowdowns and drops, and they patch security holes. Many newer routers update themselves quietly, but it is worth checking, especially on an older box that may have fallen behind.

1. Open the router's app, or type its address into a web browser — see the sticker on the box.
2. Sign in with the admin password, which is also usually on the sticker.
3. Look for a section called Firmware, Update, or Maintenance.
4. If an update is offered, run it and leave the router alone until it finishes.
5. While you are there, turn on automatic updates if the option exists.

> **WATCH OUT**
>
> Never unplug the router while it is updating. An interrupted update can leave it unusable. Let it finish completely, even if it takes several minutes and the lights blink oddly.

The admin password that gets you into these settings is not the same as your Wi-Fi password. If the admin one is still the factory default printed on the box, changing it to something only you know is a smart, free security step.

CHECK THE DEVICE

24 Is It the Wi-Fi, or Just That One Gadget?

When only one device feels slow while everything else is fine, the trouble is usually that device, not the network. Before blaming the Wi-Fi, it is worth a quick check on the gadget itself, because the fix there is often even easier.

- Restart the device. A phone, tablet or streaming stick benefits from a reboot too.
- Check it is actually on your Wi-Fi, not accidentally on a neighbor's or on cellular data.
- Make sure the device's own software is up to date.
- An old phone or laptop may simply connect at slower speeds than newer gear.

A good test is to compare. If your new phone flies and the old tablet crawls in the same room, the tablet is the limit, not the Wi-Fi. If everything in one room crawls but the same devices are fine elsewhere, then it is a coverage problem and the network fixes apply.

> **TIP**
>
> On a phone, 'forget' the Wi-Fi network and rejoin it fresh. This clears up a surprising number of one-device slowdowns in a single tap.

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WI-FI CALLING

25 When the Cell Signal Is Weak Too

Thick apartment walls that slow Wi-Fi often weaken cell phone signal as well, leaving calls dropping or texts failing indoors. There is a feature that solves this neatly by sending your calls over your home Wi-Fi instead of the cell tower. It is called Wi-Fi Calling, it is free, and once on, it just works.

Where you turn it on varies a little by phone. On an iPhone, it is in Settings under Cellular, then Wi-Fi Calling. On an Android phone it is usually in Settings under the connections or network area — on a Samsung it is often listed as 'Wi-Fi Calling' in the Connections menu, and on a Pixel under the network and internet settings. Your carrier must support it, and almost all do.

> **GOOD TO KNOW**
> With Wi-Fi Calling on, a strong home Wi-Fi signal gives you strong phone calls too, even in a back bedroom where the cell bars are empty. Fixing your Wi-Fi quietly fixes your calls.

This is one more reason the work in this guide pays off twice. The same central, elevated router that speeds up your video also carries your phone calls through the walls that used to block them.

SECURITY BASICS

26 A Strong Password and WPA

Speed and safety go together. A Wi-Fi network that strangers can join is both less private and slower, because uninvited devices use your bandwidth. A few basics keep your network yours, and they take only minutes in the router's settings.

- Use a strong Wi-Fi password — a short phrase you can remember beats a tangle of symbols.
- Set the security type to WPA3, or WPA2 if that is the newest your gear offers.
- Change the router's admin login away from the factory default on the sticker.
- Turn off any 'WPS' push-button pairing you are not using; it can be a weak point.

In an apartment building, your signal reaches your neighbors whether you like it or not, so a good password is simply good manners and good protection. You are not trying to lock down a bank; you are making sure the network you pay for serves you and the people you choose.

> **WATCH OUT**
> If your network still has no password, or a short simple one, fix that first. An open network lets anyone nearby slow you down and see more than they should.

GUEST NETWORK

27 A Separate Lane for Visitors

Most routers can broadcast a second network just for guests, and it is a tidy feature worth turning on. A guest network gives visitors internet without handing them your main password, and it keeps their phones and laptops away from your own computers, printer and smart devices.

1. In the router's app or settings, look for 'Guest Network' or 'Guest Wi-Fi'.
2. Turn it on and give it a simple name and an easy password.
3. Leave the setting that keeps guests separate from your own devices turned on.
4. Share this network with visitors, not your main one.

> **GOOD TO KNOW**
>
> A guest network is also the perfect place for less-trusted gadgets and for grandchildren's devices, keeping the clutter and any risk off your main network entirely.

It costs nothing and does not slow your main network in normal use. If you have people over often, or a mix of devices you would rather keep apart, this is a simple, free bit of tidiness that pays off in both privacy and peace of mind.

BUILDING WI-FI

28 When You Don't Control the Router

Some apartments include internet in the rent and provide the Wi-Fi for the whole building. If that is your situation, many of this guide's fixes do not apply, because you do not control the router — you cannot move it, change its channel, or reach its settings. That does not leave you helpless, though.

- You can still improve coverage in your unit with your own equipment behind the building's.
- You can often plug your own router into the building's jack for a private network you control.

- Your right to add or opt out of building internet depends on your state and your lease.
- Safety matters more on a network shared with strangers.

Because shared and building-provided Wi-Fi raises its own questions — safety, privacy, whether you can bring your own provider — those live in separate companion guides. The short version: you can usually set up your own private Wi-Fi inside a managed building, as long as the lease allows it, and that restores most of the control this guide assumes.

> **TIP**
>
> If you are on building Wi-Fi, ask management two things: may I plug in my own router, and may I add my own internet service. The answers decide how much of this guide you can use.

LEASE & LANDLORD

29

What You Can and Can't Touch

Nearly everything in this guide is firmly on your side of the line — your own router, your own devices, adhesive clips that peel off clean. None of it needs the landlord's blessing. But a few edges are worth a quick check against your lease, because rules vary a great deal from building to building and from state to state.

- Moving your router and running a flat cable with removable clips: normally yours to do.
- Drilling any hole, even a small one: check the lease; patch and spackle at move-out.
- Touching the building's own wiring, jacks or equipment: ask first, always.
- Adding your own internet service in a managed building: depends on state and lease.

The safe rule is simple: anything that clips on, sticks on, or just plugs in and comes away clean is almost always fine. Anything that changes the building itself — new holes, new wiring, the shared equipment — belongs to the landlord. When in doubt, a short written note to management keeps everyone comfortable.

GOOD TO KNOW

Rules genuinely vary by state and by lease — check both. This guide stays general on purpose; your lease and your local rules are the final word for your own home.

STAY SAFE

30

Fake 'Speed Up Your Wi-Fi' Traps

Wherever people have a common frustration, scammers follow. Slow Wi-Fi attracts a few predictable traps, and knowing them keeps you safe. The theme is always the same: someone offers an easy fix, then asks for money, a password, or control of your computer.

- Pop-ups claiming your Wi-Fi is 'infected' or 'slow' and urging you to click or call — close them.
- Cheap gadgets promising to 'boost' or 'unlock' hidden speed; most are useless.
- A caller claiming to be your internet company who needs remote access to 'fix' your speed.
- Apps that ask for payment to run a 'free' speed test or 'optimizer'.

Your real internet company will not cold-call to demand remote access or payment to speed things up, and no little dongle unlocks secret speed your plan does not include. The honest fixes are the free, physical ones in this guide: placement, bands, a reboot, and good gear.

WATCH OUT

If anyone pressures you to act fast, pay now, or let them take over your screen to fix your Wi-Fi, hang up or close the window. Slowing down is itself the defense. When unsure, call a trusted local helper instead.

PRIVACY

31 Who Can See What You Do

On your own router with a good password, your home Wi-Fi is private. The neighbors cannot see what you do, and the signal, while it does spill into nearby units, is locked behind your password. A little understanding here keeps the worry in proportion.

- A strong password means neighbors cannot join your network or see your traffic.
- Most websites today are encrypted — look for the little lock in the address bar.
- Your internet provider can see which sites you visit; that is normal and the same everywhere.
- On building or shared Wi-Fi you do not control, privacy needs extra care.

The important distinction is between a network you own and one you share. On your own router, the basics in this guide are enough. On a building network shared with strangers, the companion safety guide walks through the extra steps — setting your devices to treat it as public, and considering your own router behind it.

> **GOOD TO KNOW**
>
> The little padlock in a web address means the connection to that site is private, even from the person running the network. For banking and anything sensitive, make sure it is there.

COMMON WORRIES

32 Common Worries, Answered

A few questions come up again and again when people set out to fix their apartment Wi-Fi. Here are plain answers to the ones heard most.

- Will moving the router cost me anything? No. Placement is completely free.
- Can I break something by changing a setting? No lasting harm — you can always reset to start over.
- Do I need the landlord's permission? Not for your own gear and removable clips.
- Will a faster plan fix a dead bedroom? No — that is coverage, which needs a mesh unit or a wire.

- Is it my phone or the Wi-Fi? Compare a second device in the same spot to find out.

> **GOOD TO KNOW**
>
> There is no wrong place to begin. Even just lifting the router onto a shelf today puts you ahead of most apartments, and you can do the rest at your own pace.

If a worry is holding you back, that is normal, and the answer is usually simpler than the fear. You can always talk it through with a trusted helper before you change a thing.

A SIMPLE START

33 If You Only Do Three Things

Maybe the whole guide feels like a lot. That is fine. If you do nothing else, do these three, and you will have done the part that fixes most apartment Wi-Fi.

1. Lift the router off the floor and out of any closet, onto a central shelf.
2. Put your main devices on the faster 5 GHz band if they are near the router.
3. Reboot the router properly — unplug, wait a minute, plug back in — and recheck.

That is a complete first pass, and for a great many apartments it is the whole cure. Everything else in this guide — new gear, extenders, wired helpers, channel changes — makes it better or handles the stubborn cases. But those three steps alone solve the most common complaints.

> **WATCH OUT**
>
> Done beats perfect. A router on a shelf today, reachable on 5 GHz, beats an elaborate plan you never start. Begin small, this afternoon.

STILL DROPPING

34 When It Still Drops Out

If you have moved the router, switched bands, and rebooted, but the connection still drops or stalls, work through this short checklist. Persistent drops usually point to one of a few specific causes rather than a general slowness.

- Check the cable from the wall to the modem is snug at both ends; a loose coax is a classic cause.
- Watch the modem's lights during a drop — if they blink or go out, the issue is the line, not Wi-Fi.
- Try one device wired directly to the router; if that holds steady, the trouble is wireless coverage.
- Note whether drops cluster at busy evening hours, which points to building congestion.
- If every device drops at once, suspect the router or the incoming line.

A connection that holds on a cable but drops on Wi-Fi is a coverage or congestion story, handled by the mesh and interference guides. A connection that drops even on a cable is the line or the modem, and that is a call to your provider — it is their equipment up to the wall.

> **WATCH OUT**
>
> Note the exact times drops happen for a few days before you call the provider. 'Every evening around dinner' or 'only in the far bedroom' tells them far more than 'it's slow,' and speeds up the fix.

KEEP IT HEALTHY

35 A Little Maintenance Goes Far

Once your Wi-Fi is fast, a few easy habits keep it that way without any fuss. None of this takes more than a few minutes, and spacing it out means you rarely think about your Wi-Fi at all — which is the goal.

- Reboot the router occasionally if you notice it slowing after a long run.
- Let firmware updates install, or check for them now and then on an older box.
- Keep the vents clear and the box out of direct heat and sun.
- When you add a new device, put it on the right band and the right network.
- Review the list of connected devices once in a while and drop anything you don't recognize.

Think of it like a smoke detector: a tiny bit of attention on a quiet schedule, and then you can forget about it and trust it. Tie the check to something you already do — a bill-paying day, the first of a season — and it will never slip your mind.

GOOD TO KNOW

A healthy, well-placed router can serve an apartment well for years. The maintenance here is less about repair and more about simply not letting small things drift back into bad habits.

FINISH THE JOB

36

Finish the Job Soon

You now know why apartment Wi-Fi feels slow and exactly what you can do about it without touching the building. The only thing left is to do it, and the best time is soon, while it is fresh. Lift the router onto a shelf.

Put your devices on 5 GHz. Reboot. Then test, and enjoy the difference.

If any step gives you pause — finding the router's settings, choosing a new one, running a tidy flat cable to the back bedroom, or sorting out building Wi-Fi — that is exactly the kind of thing I help neighbors with every week. There is no such thing as a silly question here.

GOOD TO KNOW

You do not have to remember all of it. You just have to remember you can call. Friendly, in-home help, and I come to you — (330) 200-8042.

Good Wi-Fi quietly makes everything else in your home easier, from video calls to the evening show. Take the afternoon, work down the list, and finish the job. Then put it out of your mind, knowing it is handled.

CHEAT SHEET

Everyday Cheat Sheet

Keep this page handy. It points you straight to what to do for each task.

I want to...	Do this...
Know if it's Wi-Fi or internet	Run a speed test wired and next to the router, then in the slow room
Fix it for free first	Move the router up high, out in the open, and central
Get more speed nearby	Put close devices on the faster 5 GHz band
Clear a slowdown	Reboot properly — unplug, wait a minute, plug back in
Judge an old router	If it's years old or 2.4 GHz only, consider a Wi-Fi 6 model
Fill a dead room	Add a mesh unit or run a flat cable with peel-off clips
Keep the network yours	Strong password, WPA3 or WPA2, and a guest network for visitors
Avoid a scam	No gadget unlocks secret speed; hang up on 'fix your Wi-Fi' callers
Get help	Call Bill: (330) 200-8042

AT A GLANCE

A Picture to Follow Along

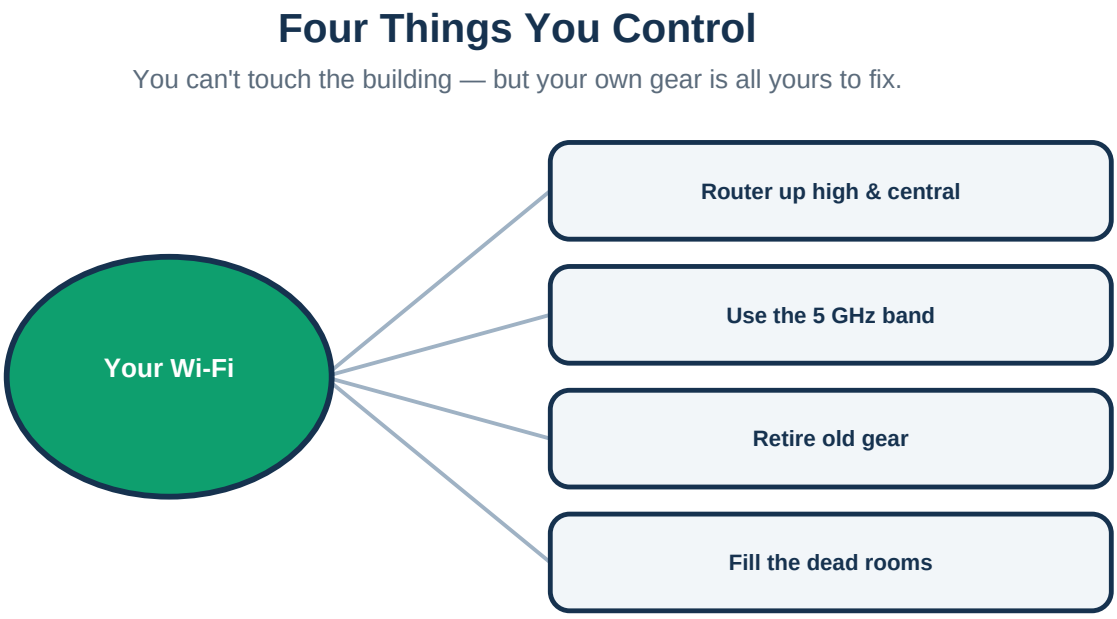


Illustration — a schematic. Set-up screens differ; each takes only a few minutes.

AT A GLANCE

A Second Look

Slow Wi-Fi, Step by Step

Work down the list — most people fix it before the last box.



Illustration — a schematic. The order is a suggestion; do one box at a time.

A schematic of the plan — company steps vary; the order does not have to.

BEFORE YOU GO

A Note From Bill

A quick note from Bill. I write these guides to make home tech a little less frustrating, and I do my best to keep every step accurate and up to date. Still, every home, device, and setup is a bit different, so I can't promise a guide will match yours exactly or fix your particular problem. These guides are for general information only — they're not professional, legal, or financial advice, and they don't replace your device's own manual or the manufacturer's instructions. Please go slow, use your own good judgment, and use everything here at your own risk. If a step involves electrical wiring, a gas appliance, a water heater, plumbing, or climbing a ladder — or if anything just doesn't feel safe — please stop and call a licensed professional (or give me a call at 330-200-8042). Bill's Home Tech and Bill Davis can't be responsible for any damage, data loss, or injury that results.

HOW I CAN HELP

Your Visit — and My Promise

You don't have to remember all of it — just that a friendly, patient person is one call away, whenever you'd rather have a hand.

KEY SPECS

In your home — $99 flat for the first visit, no contracts and no surprises, with a 30-day come-back-free follow-up. In-home visits cover Portage County, Ohio and nearby communities.
Outside the area? Remotely — $49 for a screen-share session (free for Support Plan members, $39/mo), refundable if I can't fix it — and credited toward a visit if you'd rather have me in person. Book either at billshometech.com/book.

GOOD TO KNOW

My promise — If you're not 100% satisfied with your visit, I'll come back at no charge, or refund the full $99. No questions, no awkwardness. That's how I'd want to be treated.

Whenever you're ready, I'll come to your home anywhere in Portage County, Ohio and nearby communities, at your pace. Too far for a house call? I also help remotely. Book at billshometech.com/book or call (330) 200-8042. — Bill

Call or text (330) 200-8042 · bill@billshometech.com

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