

Sample report. The house and the figures are a composite, not a real customer.

WiFi assessment: a 4-bedroom home, Armstrong Creek estate

What we measured in every room, what is causing the one dead zone, and the single fix that clears it

Prepared for the homeowner · Visit Wednesday 2 September 2026 · Prepared by Karl Misso, Why Oh WiFi Pty Ltd

THE SHORT VERSION

Your internet is not the problem

The line into the house tested at about 520 Mbps by cable, which is everything your plan is meant to deliver, and six of the eight rooms we measured are already fast. One WiFi unit on the kitchen bench at the front simply cannot reach the back bedroom you work in. That is one problem with one fix, and there is nothing else in this report you need to buy.

8 rooms

MEASURED ON THE DAY

About 520 Mbps

THE LINE ITSELF, TESTED BY CABLE

5 of 8

ABOVE 200 MBPS ALREADY

31 Mbps

BED 4, THE ONE DEAD ZONE

WHAT WE FOUND

Three things, and only one of them costs money

The internet arriving is fine

Plugged straight into the modem by cable we measured about 520 Mbps down and 49 Mbps up, which is the whole of a 500 plan. Nothing needs changing with your provider.

One WiFi unit, at the wrong end

The modem sits on the kitchen bench at the front of the house, boxed in behind the kettle and the microwave, and it is the only WiFi in the building.

The back of the house asks too much of it

Between that bench and the desk in Bed 4 there are four internal walls, two built-in robes and about eighteen metres. Signal loses something at every one of them.

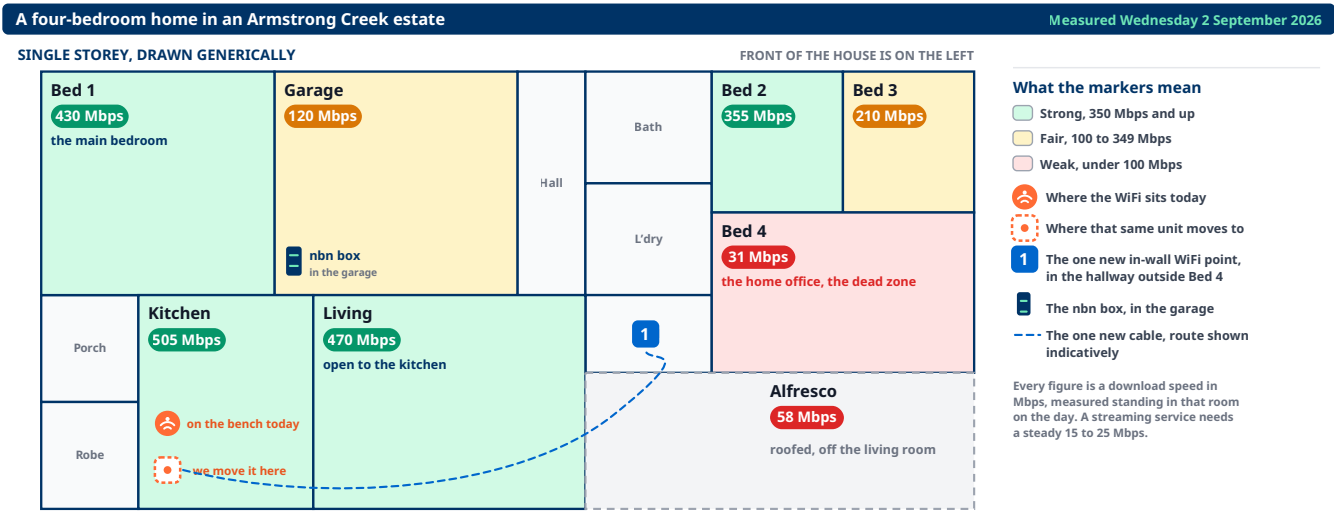
Why Bed 4 measures 31 Mbps when the kitchen measures 505.

Your laptop can only use the fast half of the WiFi when it can still hear it clearly, and by the time the signal has crossed the house it cannot. It drops back to the slower half, which travels further but carries much less, and that is the whole story of the 31 Mbps. It is not the internet, it is not the laptop, and it is not something a setting fixes. The signal has to start closer to the room, which is what a wired WiFi point at the back of the house does.

 Your house, with the speed in every room on it

Where the speed is, and where it stops

One storey, with the modem where it sits today, where it moves to, and the one new WiFi point.



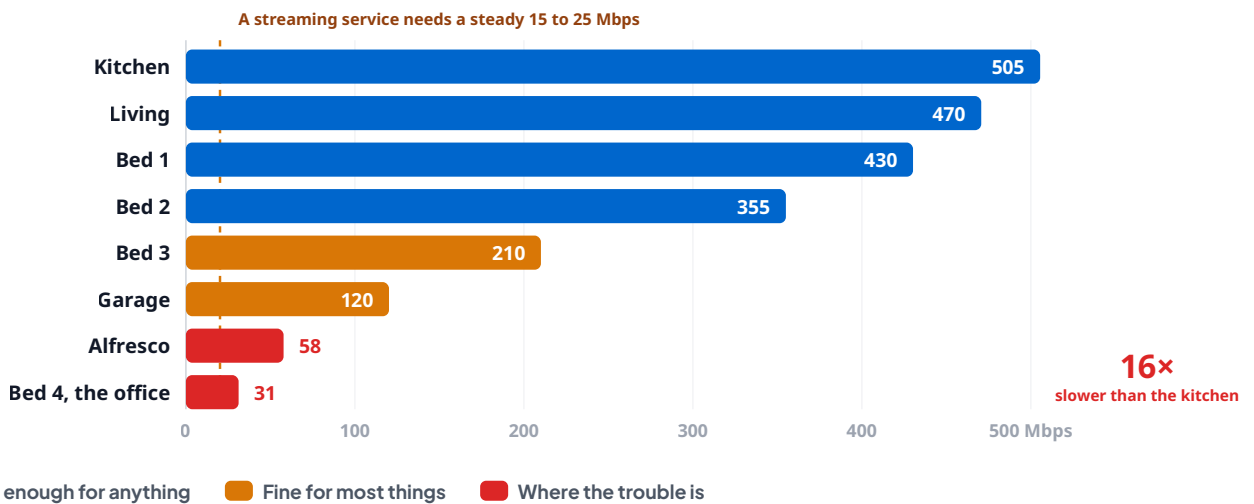
The layout is drawn generically rather than to scale, and room names are ours, not yours. Every figure is a download speed in Mbps measured standing in that room with a phone at chest height, in the middle of the day. The alfresco figure was taken at the outdoor table. Rooms are shaded by the band their figure falls in, not by how they felt.

THE MEASUREMENTS

 Six rooms fast, one weak, one stranded

Download speed in each room

Measured in Mbps standing in each of the eight places we tested. Longer is better.



Room names follow the plan above. Upload speed sat between 44 and 49 Mbps everywhere except the alfresco and Bed 4, which managed 9 and 6. Worth saying plainly: at 31 Mbps Bed 4 will still carry a single stream. What it will not carry is a video call, a large upload and the television at the same time, which is exactly what a room used as an office is asked to do.



What stays, what gets set up, what goes back to you

WHAT IT IS	WHERE	VERDICT	WHY
nbn connection box where the fibre lands	Garage wall	Keep	Healthy, current, and nothing to do. This is your provider's equipment and it stays exactly where it is.
Your modem and WiFi unit the one box doing both jobs	Kitchen bench	Setup	The internet side of it is doing its job properly, so it stays. It comes off the bench and onto the wall a metre away, clear of the splashback, the kettle and the microwave. That alone lifts the middle of the house, and it costs nothing.
One in-wall WiFi point the only thing on this list you do not own yet	Hallway outside Bed 4	Setup	It sits flat in a standard wall plate, takes its power down the same cable that feeds it, and gives back a wired socket on its face for the desk. It runs the same network name and password as the front of the house, so phones move between the two without anybody doing anything.
Plug-in WiFi extender in the hallway power point	Hallway	Back to you	This is why the back of the house feels worse than the numbers suggest. An extender listens to a weak signal and repeats it, so it can only ever hand on about half of what it hears, and it does it under a second network name your phone clings to once it has joined. Nothing is wrong with the unit. It is the wrong tool for a house this shape.
Two powerline adapters the plugs that send data through the wiring	Garage and Bed 4	Back to you	They are working, and they are the reason the desk computer holds on at all. They also sit on two different circuits in the switchboard, which is why they run at a fraction of their rating. A cable does the same job properly and never has an off day.
Smart TV on WiFi, in the living room	Living	Keep	Measured 470 Mbps where it stands, against the 15 to 25 Mbps a streaming service asks for. Nothing to change here at all.
The desk computer the reason for the visit	Bed 4	Keep	The computer is fine. It gains a wired socket on the face of the new WiFi point, a metre away through the wall, so it stops depending on WiFi at all.

💡 Why one wired point, and not a set of three

The honest answer to a house like this is usually less equipment than people expect. Six of the eight rooms already measure well, so the only place that needs a signal of its own is the back.

- ✓ **The internet is already doing everything it is paid to do**
About 520 Mbps by cable at the modem on a 500 plan. There is no provider call to make and no plan to change.
- ✓ **A wired point beats a repeated one, every time**
The new point is fed by cable, so it starts with the full speed rather than half of whatever reached it through the walls.
- ✓ **One point in the rear hallway covers four rooms and the alfresco**
Bed 2, Bed 3, Bed 4 and the alfresco all sit within a few metres of that wall, which is why a second and third point would be buying the same coverage twice.
- ✓ **Moving the modem off the bench is free**
A metre up the wall and out from behind the appliances is worth doing whether or not you go any further, and we can do it in ten minutes.
- ✓ **Your desk stops depending on WiFi at all**
The socket on the face of the new point puts the computer on a cable, which is the one connection that never has a bad afternoon.
- ✓ **One network name, so nobody has to choose**
The new point carries the same name and password as the modem, so phones and laptops move across on their own as you walk down the hallway.

ON THE DAY

➡ What the work would be, in order

- 1 **We test the line by cable first, before anything is touched**
So the day starts from a number rather than an assumption, and so you can see what changed.
- 2 **The modem comes off the bench and onto the wall**
A metre up, clear of the splashback and the appliances, on the cable that is already there.
- 3 **One cable runs from the modem to the rear hallway**
Through the roof space and down the wall cavity, ending in a standard wall plate outside Bed 4. No trunking on the wall.
- 4 **The WiFi point goes into that plate**
It sits flat in the wall like a power point, takes its power down the same cable, and leaves a wired socket on its face for the desk.
- 5 **Both units run one network name and one password**
Yours, unchanged, so not a single device in the house needs reconnecting.
- 6 **We measure every room again before we leave**
Same phone, same spots, same time of day, and the new numbers go in a short completion report you keep.

Two things outside our trade

Worth having someone else look at, in your own time.

Neither of these is ours to fix and neither is urgent. We are listing them because you should hear them from us rather than find them later.

- **The outdoor power point by the alfresco table.** The cover is cracked and does not close, and it sits where the weather reaches it. That is an electrician, and it is worth doing before anything else goes up out there.
- **The garage wall under the nbn box.** There is a damp mark at skirting level directly below it. Worth a builder or a plumber having a look, because it is under the one piece of equipment in the house that nobody can replace for you.

WHAT HAPPENS NEXT

→ Nothing happens until you say so

- ✓ **This report is yours to keep either way**
Every figure in it, the plan and the reasoning stay with you whether you go ahead with us, with somebody else, or with nobody.
- ✓ **A written quote follows within a day or two**
One package, itemised, with the GST shown on its own line, covering the cable, the point and the labour. One page, no options to decode.
- ✓ **If you would rather do nothing, move the modem**
It is the free half of the recommendation and it helps the middle of the house on its own. We will tell you exactly where it should go.
- ✓ **Ask us anything in here at no charge**
If a paragraph does not make sense, or you want a second opinion on a quote from anybody else, call or text and we will talk it through.

Why Oh WiFi · Geelong's WiFi Specialist · Geelong · Surf Coast · Bellarine

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From "Why oh why?" to WOW!

This is a sample. The house, the room names and every figure in it are a composite, built to be internally consistent with a 500 plan and a single WiFi unit at the front of a single-storey brick veneer home. A real report carries the customer's name and address, and every number in it was measured at that property on the day.