

NBN's FTTN/FTTC to FTTP Upgrade Explained

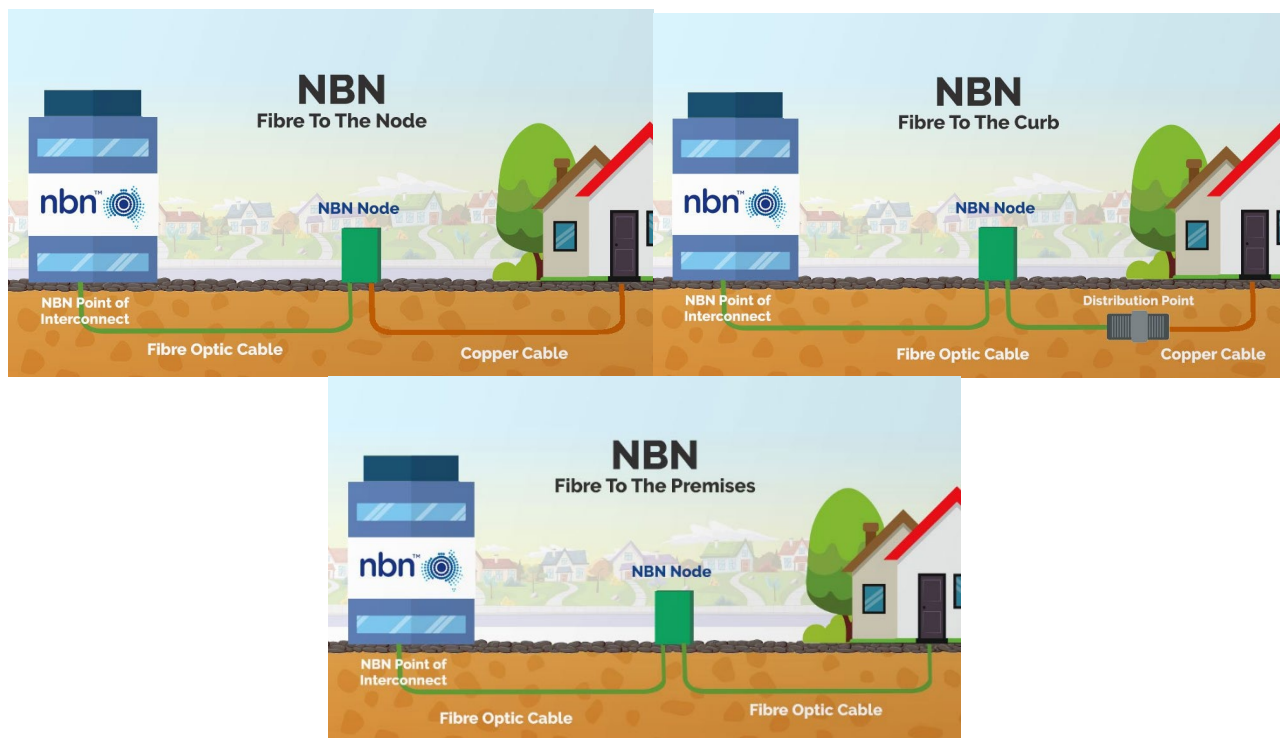
What is happening?

From March 2022, NBN will be upgrading more than 5 million businesses and homes using Fibre to the Node (FTTN) or Fibre to the Curb (FTTC) premises to Fibre to the Premises (FTTP) enabling access to NBN's ultrafast, on demand plans.

To trigger an FTTP upgrade, customers just need to [contact InfiNET Broadband](#) to see if you are eligible, we will then do the rest for you!

What is the FTTN & FTTP NBN technology?

- **Fibre to the Node (FTTN)** – This connection is utilised where the existing copper phone and internet network from a nearby fibre node is used to make the final part of the connection to the nbn™ access network. In this scenario, a fibre optic line is run to the fibre node in the street, then the existing technology (copper cabling) is used to connect to the premise.
- **Fibre to the Curb (FTTC)** – connection is used in circumstances where fibre is extended close to your premises, connecting to a small Distribution Point Unit (DPU), generally located inside a pit on the street. From here, the existing copper network is connected to the fibre to form the final NBN™ connection into your premise. This will terminate into a NBN NCD (Network Connection Device).
- **Fibre to the Premises (FTTP)** - This connection types uses a fibre optic line run from the nearest available fibre node, directly to your premises. FTTP connections require an nbn™ utility box on the outside wall and an access network device to be installed inside your home. This device requires power to operate and can only be installed by an approved nbn™ installer or phone and internet provider.



What's involved in the installation (A Pre-installation visit then the Installation)

Additional work will be required to install new NBN equipment inside and outside of the premises to complete the upgrade. There will be temporary service interruptions during the pre-installation visit and installation appointment as NBN are working with a live network

The Pre-installation Visit

Here the nbn[®] approved technician will assess the outside of your premises. This will help us to identify any obstacles early and prepare for your upcoming installation appointment. The technician may find that additional pre-installation work is needed. NBN's aim is to either return before your scheduled installation appointment or complete the work during the installation appointment.

What to expect during the pre-installation visit?

- In most cases, this visit will take on average between 45 minutes to 1.5 hours. Please keep in mind that complex connections may take longer.
- You, or an authorised person over the age of 18, do not need to be present for this appointment.
- If you're renting, make sure that you have the landlord or property manager's verbal or written permission before the visit. The technician may need to do work that will need approval – such as drilling into the property walls.

What happens during the pre-installation visit?

- Activities performed by the nbn[®] approved technician include:
 - Review of the external nbn[®] infrastructure on the street and civil works (as needed), such as clearance of any blockages in the pathway leading to your premises
 - Non-invasive construction activities such as hand digging, to remove blockages, and reinstatement of the land on or near your premises
 - Installation of nbn[®] fibre lead-in where required
 - Installation of nbn[®] utility box on the outside wall, so that there's less to do during the installation appointment (if you're present for the visit and with your consent)
 - Network civil works, including installation of the splitter multipoint for the nbn[®] FTTC which requires a planned outage of around 30 minutes

Installation appointment

The nbn[®] approved technician will arrive to install the nbn[®] equipment inside and outside your premises. You, or an authorised person over the age of 18, will need to be present during the installation to give the technician both internal and external access to your premises. If you're renting, make sure that you have the landlord or property manager's verbal or written permission before the appointment. The technician may need to do work that will need approval – such as drilling into the property walls.

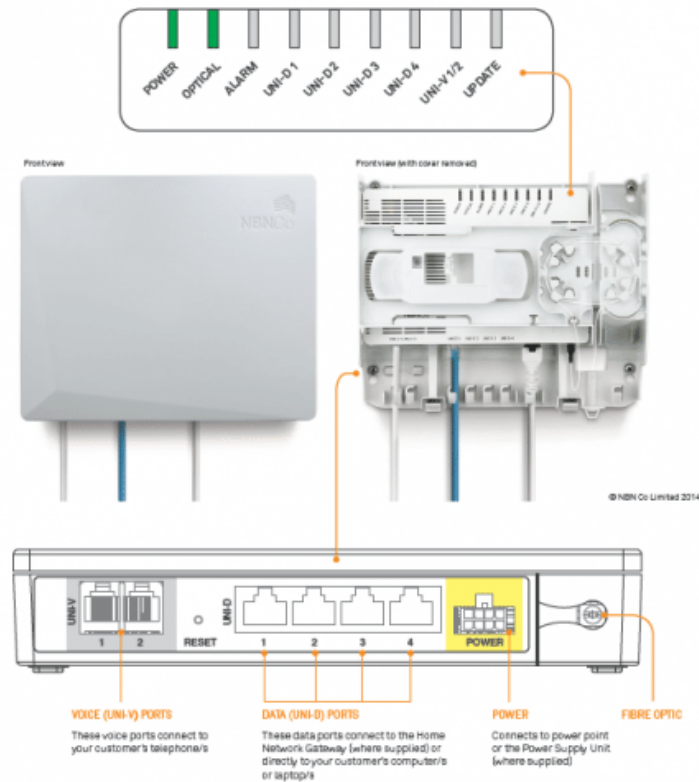
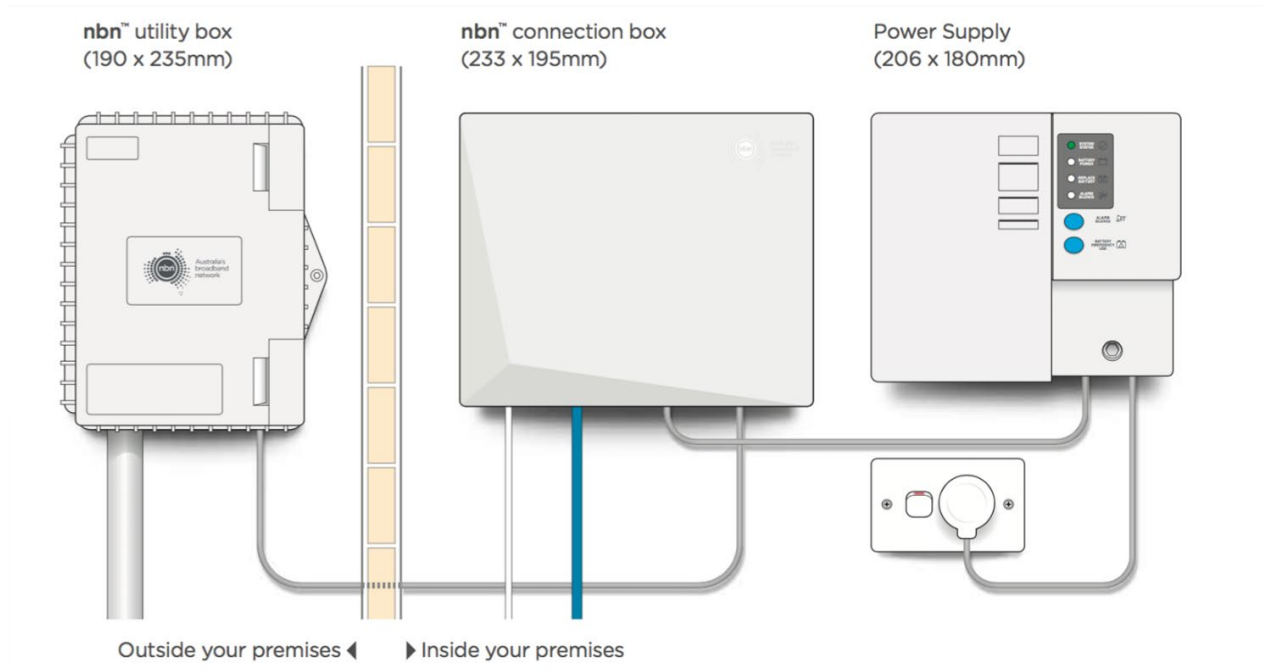
What to expect during the installation appointment?

- In most cases, this appointment will take between 3 to 4 hours. Please note it could take longer for complex connections.
- Activities performed by the technician includes installing and testing of the nbn[®] equipment inside and outside your premises
- The technician will advise on the best location to install the nbn[®] connection box inside your premises. You can speak to the technician about your options.

What happens during the installation appointment?

- Activities performed by the nbn[®] approved technician include:
 - Installation of the nbn[®] fibre lead-in along with the nbn[®] utility box and the drop cable (if it wasn't installed during the pre-installation visit)
 - Installation of the nbn[®] connection box (inside or outside) and a Power Supply Unit (inside) your premises. The technician will advise on the best location to install this equipment (close to a power source, cool and dry, won't get knocked)
 - Testing of the nbn[®] FTTP service to the nbn[®] connection box so that it's ready for InfiNET Broadband to finalise the connection

NBN FTTP Hardware

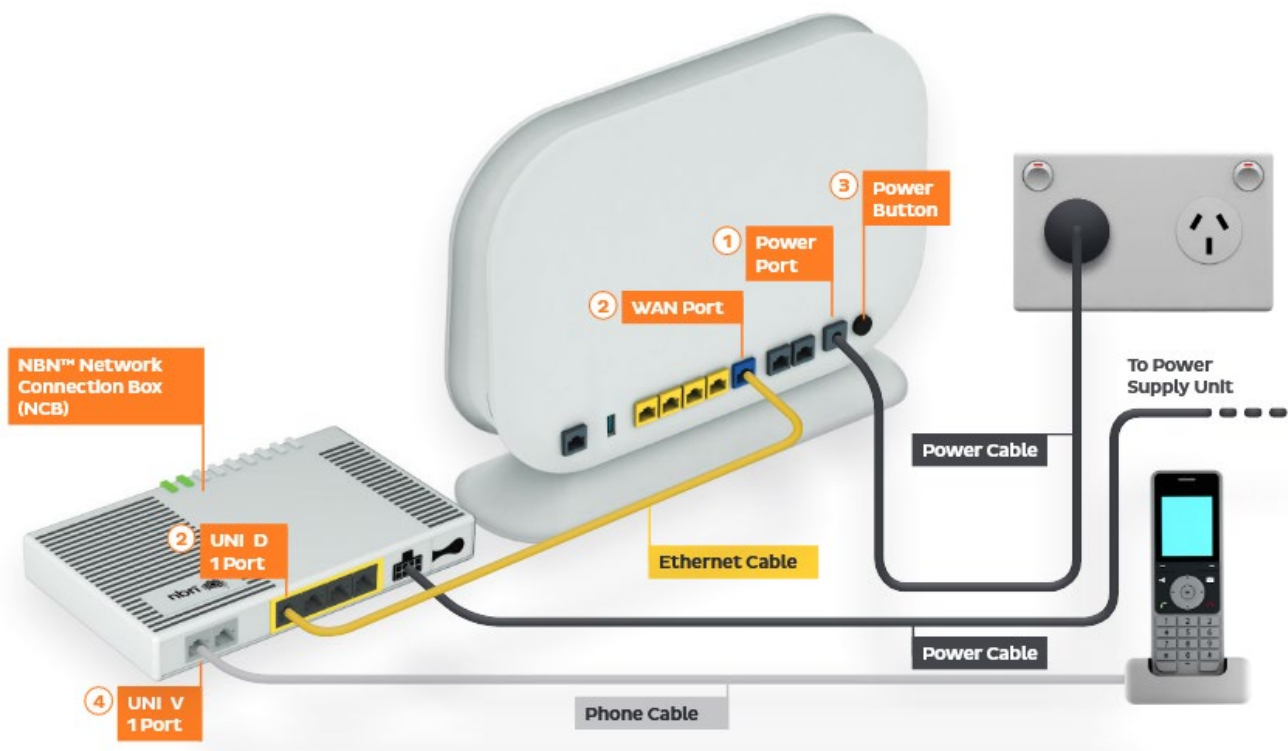


Connecting a Modem/Router to a FTTP service

The following diagram outlines how to connect the modem/router to a FTTB service. You will require a NBN ready router.

1. **Power Port** – Connection port for the Power
2. **UNI D & WAN Port** – Is the port to connect the router to the NBN NCB UNI D port*
3. **Power Button** – Button to turn the modem/router off/on
4. **UNI V 1 Port/s** – To connect a telephone directly into the router

*You can have up to 4 active NBN services connected at the same time



[Contact InfiNET Broadband Today](#)



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