

Do I need a terminal box to get broadband



Overview

Four easy steps and you'll look like a hero. The service box (Optical Network Terminal/ ONT) brings AT&T Internet into your home.

Key Takeaways

Yes, an Optical Network Terminal (ONT) is required for Full Fibre broadband, as it converts the fibre optic signal into a usable connection for your router. What an ONT Does

An ONT, also called a fibre box, is a small white device installed inside your home that connects your property to the fibre network . It converts the light signals from the fibre optic cable into electrical signals that your router can use via an Ethernet connection . Without an ONT, your router cannot receive the broadband signal, meaning Wi-Fi or wired internet will not function .

How It Works with a Router

- The ONT is connected to a power source and the fibre cable from your provider .
- You then connect your router or hub to the ONT using an Ethernet cable, usually into the WAN or internet port on the router .

- The router distributes the internet signal throughout your home, either wirelessly or via additional Ethernet connections . Most broadband providers supply a compatible router when you sign up, but the ONT is part of the fixed infrastructure and stays with the property if you move .

Installation Considerations

- A technician typically installs the ONT during your fibre broadband setup .
- It is usually located near the entrance of your property, in a garage, or a central closet .
- The ONT requires electricity to operate, and indicator lights show its status .

Summary

For Full Fibre broadband (FTTP), you cannot get a working internet connection without an ONT. It is essential infrastructure that converts the fibre signal for your router. While the router provides Wi-Fi and network distribution, the ONT is the gateway that makes broadband access possible .

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