

Choosing a modem/router does not need to be a daunting task. There are a few things that you need to consider that will help you make the right decision and ensure that your internet connection performs well throughout your whole house. These include:

size and material of the building

large and/or two storey dwellings generally need a stronger Wi-Fi signal to reach around the whole house. Houses with lots of walls, particularly brick walls, also require a strong Wi-Fi signal from your modem/router.

number of devices connecting simultaneously

Is your whole family online at the same time? If so, you need a device that can handle and prioritise that traffic to ensure a seamless experience for everyone.

what you are doing online

If you are streaming videos, gaming online or uploading and downloading large files, you will need a device that can support these activities with strong Wi-Fi and multiple channels. Some devices allow you to also monitor your network and prioritise certain devices to ensure a smooth experience.

We have made the below recommendations on modem/routers that, in our experience, provide what you need:

entry level	mid range	high end
NETGEAR R6120 TP-Link Archer C50 NETGEAR R6020 TP-Link Archer C6	NETGEAR R6220 TP-Link Archer VR600 TP-Link Archer AX10 ASUS RT-AC68U ASUS RT-1500UHP	TP-Link VR2800 NETGEAR Nighthawk R7000 ASUS RT-AC88U TP-Link Archer C4000 TP-Link Archer C5400 ASUS RT-AX58U

IMPORTANT - if your MATE plan includes an nbn home phone (VoIP) service, you will require a modem/router with a VoIP/voice port. See some options for this below:

entry level	mid range	high end
TP-Link VG-5612 NetComm NF10WV	TP-Link Archer-VR200 D-Link DVA-2800	TP-Link Archer-VR600v

mesh systems

If you require even stronger Wi-Fi to cover a wider area of your home, then we would strongly recommend a Mesh Wi-Fi router system.

These devices consist of a main router that connects directly to your nbn™ equipment, and a series of modules placed around your house for full Wi-Fi coverage. All Mesh products form part of a single wireless network and share the same wireless name and password, unlike traditional Wi-Fi routers.

Please see below a list of quality Wi-Fi Mesh Routers that we recommend using with your internet service:

- TP-Link Deco
- NETGEAR Orbi

These products can be purchased from electronics stores such as JB Hi-Fi, Harvey Norman and Officeworks or online retailers such as Amazon.com.au and come in a range of different options, depending on the size of your home.