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What is an NBN network and is my NETGEAR DSL modem router compatible?

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The National Broadband Network (NBN) is an initiative started by the Australian government as a way of improving landline phones and Internet networks so that no matter where you live in Australia, you can access fast and reliable Internet services.

NBN offers these types of connections:

- **Fiber to the Premises (FTTP) and Fiber to the Home (FTTH)**. Fiber optic cable is run from the ISP to your home directly either through the ground or using overhead lines. FTTP or FTTH typically uses a Gigabit Ethernet port in the wall or a fiber modem to which you connect your device. You can use a NETGEAR DSL modem router, such as the D3600, D6000, D6100, D6200, D6220, D6300, D6400, D7000, D7800, or D8500, or one of our home routers, such as R6220, R6300, R6400, R7000, R7000P, R8000, R8500, or R9000.

- **Fiber to the Node (FTTN) and Fiber to the Basement (FTTB)**. Uses a mix of fiber-optic and existing copper wiring to connect you to the Internet. Fiber-optic cables are used to deliver fiber connection to a node in the neighborhood, and from there, existing copper wiring is used to deliver the service to your home. For FTTB, a fiber connection is run from the service provider to the basement of an apartment building and uses the

This article applies to:

➜ DSL Gateway N (1)

➜ DSL Gateway AC (12)

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existing copper wiring to deliver connection to your apartment. VDSL or VDSL2 technology is typically used to connect you to the Internet from the fiber connection in the neighborhood or /basement.
You can use any of the following NETGEAR VDSL modem routers (gateways): D6220, D6400, D7000, D7800, or D8500.

- **Hybrid Fiber-Coaxial (HFC)**. Uses TV network cabling, which is a combination of fiber and coaxial cabling, to deliver Internet service to your home. In this type of service, a customer is provided with a cable modem or gateway to connect them to the Internet.
  You can use a NETGEAR DSL modem router, such as the D3600, D6000, D6100, D6200, D6220, D6300, D6400, D7000, D7800, or D8500, or one of our home routers such as the R6220, R6300, R6400, R7000, R7000P R8000, R8500, or R9000.

- **Fixed Wireless**. Uses fiber-optic cable to connect to a cellular transmission tower. The tower transmits broadband service to your home using TD-LTE 4G broadband technology.
  You can use a NETGEAR DSL modem router, such as the D3600, D6000, D6100, D6200, D6220, D6300, D6400, D7000, D7800, or D8500, or one of our home routers, such as the R6220, R6300, R6400, R7000, R7000P, R8000, R8500, or R9000.

- **Satellite**. Uses a special type of satellite in space to transmit a signal to your home's satellite dish to provide you with high-speed broadband connection.
  You can use a NETGEAR DSL modem router, such as the D3600, D6000, D6100, D6200, D6220, D6300, D6400, D7000, D7800 or D8500, or one of our home routers such as the R6220, R6300, R6400, R7000, R7000P, R8000, R8500, or R9000.

For more information about NBN deployment schedules

and the type of NBN connection for your address, check the NBN website at http://www.nbnco.com.au.

Note: If you use your DSL modem router, such as the D3600, D6000, D6100, D6200, or D6300, with the following NBN configurations, you must to set your DSL modem router's WAN preference to **Must use Ethernet WAN** before connecting it to your Internet connection:

- FTTP
- FTTH
- HFC
- Fixed Wireless
- Satellite

For more information about configuring the WAN preferences on your D3600 DSL modem router, see How to connect the D3600 to a Cable/Fiber Optic Modem.

For more information about configuring WAN preferences on your D6000 DSL modem router, see How to connect the D6000 to a Cable/Fiber Optic Modem.

For more information about configuring the WAN preferences on your D6100, D6200 or D6300 DSL modem router, see How to connect a D6300 to NBN Fiber Internet Connection.

The D6220, D6400, D7000, D7800, and D8500 DSL modem routers automatically detect your modem connection when the modem is connected to the designated WAN port, so no additional configuration is required.

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👎 No

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