



# WI-FI 6 GATEWAY

## NF20



### Next Generation

Deliver powerful whole-home coverage with the **Wi-Fi 6 Gateway (NF20)**.



### WI-FI 6 IS HERE

**Wi-Fi 6** is the next generation of Wi-Fi. Delivering significant speed, performance and efficiency improvements, it provides up to four times more device capacity than Wi-Fi 5. These improvements enable end users to stream higher quality with more devices on the network, while still operating at optimal performance. Your **Wi-Fi 6 Gateway** will future-proof your Wi-Fi experience, and enable smart devices throughout your modern, connected home.



### STYLISH, DISCREET DESIGN

The **Wi-Fi 6 Gateway** has been designed to blend in to the home environment. Featuring two VoIP, four LAN ports and venting on the rear, the minimalist housing sits vertically, taking up less valuable space. The LEDs on the **Wi-Fi 6 Gateway** can also be turned on and off with a button on the side, giving the end user further deployment flexibility.



### 35B SUPERVECTORING ENABLED

Sitting at the forefront of broadband technologies, the **Wi-Fi 6 Gateway** is Supervectoring-compatible. 35b supervectoring is a new DSL standard that allows for speeds of up to 300 Mbit/s\*

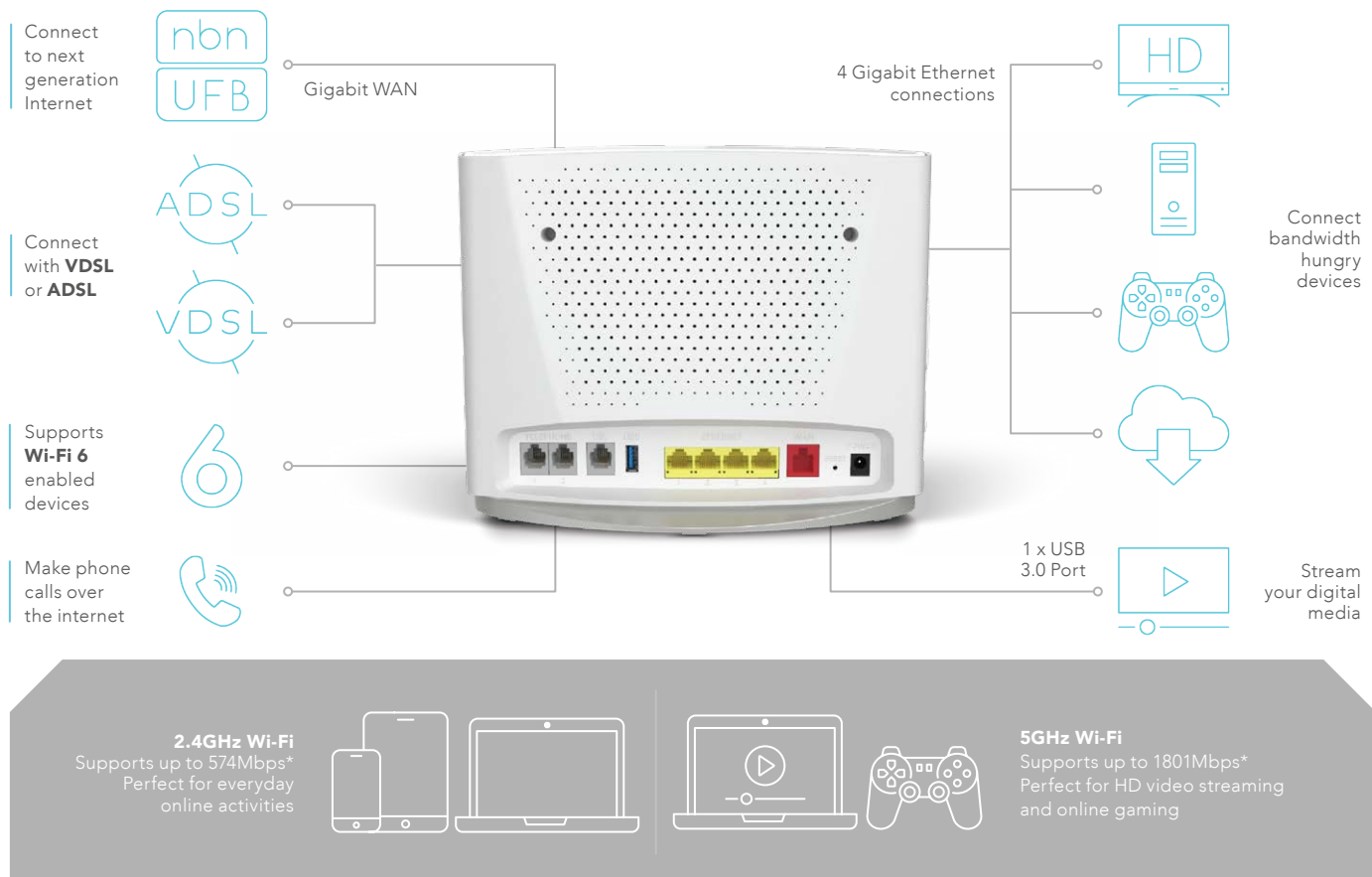
*\*requires network access infrastructure support.*



### MADE FOR NBN AND UFB

Featuring a Gigabit WAN port as well as **VDSL2/ADSL2** technologies, the **Wi-Fi 6 Gateway** will connect with FTTN, FTTB, FTTC and FTTH. The Gateway also features **VoIP** for HD quality voice calls with the capacity to connect two phones.

# PRODUCT INTERFACES



## PERFECT FOR

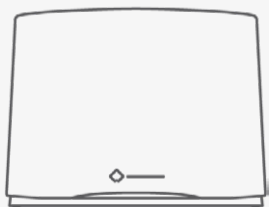
- › Ultra-fast connection to your fixed line VDSL2 / ADSL2+ service
- › High-speed connection to nbn or UFB Fibre networks FTTN/FTTB and FTTH/FTTP
- › Creating a powerful wireless home network and media sharing

## FEATURES AT A GLANCE

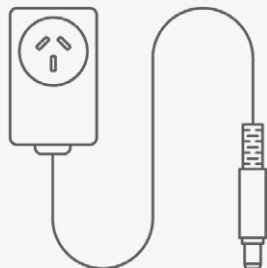
- › Fully featured VDSL2 / ADSL2+ gateway
- › 4 x Gigabit Ethernet 10/100/1000 LAN ports
- › nbn and UFB ready ñ ultra-fast connection to nbn and UFB fibre network - 1 x 10/100/1000 Gigabit Ethernet WAN port
- › VoIP feature for HD quality voice calls - connect up to 2 telephones
- › Next generation Wi-Fi 6, dual band concurrent, for multiple high-speed wireless connections
- › A WPS push button for the quick and easy connection of wireless devices on both 2.4GHz and 5GHz bands
- › Access and share media and file content across the wireless home network
- › Device performance monitoring and management through TR-069
- › Intuitive user interface for a streamlined configuration and management experience

\*Maximum wireless signal rates refer to the theoretical speeds based on IEEE 802.11 standards. Actual wireless data speeds, coverage, and the number of connected devices may differ and are not guaranteed, as they depend on factors such as the internet service provider, network conditions, device capabilities, and environmental influences like building construction

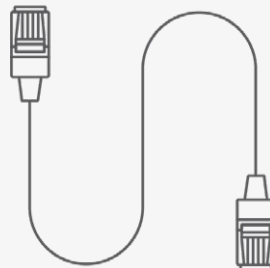
# WHAT'S IN THE BOX



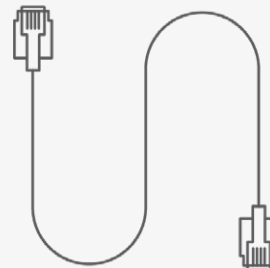
1 x NF20 Wi-Fi 6 Gateway



1 x Power Adapter



1 x Ethernet Cable



1 x Telephone Cable



1 x Wi-Fi Security Card



1 x Quick Start Guide



# TECHNICAL SPECIFICATIONS

## ENVIRONMENTAL AND PHYSICAL

- › Operating temperature: 0 to 40°C
- › Operating humidity: 10 to 95% non-condensing
- › Storage temperature: -20 to 70°C
- › Storage humidity: 5 to 95% non-condensing
- › DC Input Voltage: 12V/2A
- › Dimensions: 23(L) x 18(H) x 7(W) cm
- › Weight: 555g

## DEVICE INTERFACE

- › 4 x RJ45 10/100/1000Mbps LAN ports
- › 1 x RJ45 10/100/1000Mbps WAN port
- › 2 x RJ11 Phone ports (VoIP)
- › 1 x RJ11 DSL port
- › 1 x Reset button
- › 1 x Wi-Fi button
- › 1 x WPS/LED Button
- › 1 x WLAN button
- › 1 x Power jack
- › 1 x USB 3.0 Port (storage)
- › 1 x Power switch
- › LED (Power/DSL/Internet/WAN/LAN1-4 /2.4GHz/5GHz/WPS/USB/ Phone1-2)

## VDSL

- › PPPoE/PPPoA/IPoA/ Static IP / Dynamic IP/Bridge
- › ITU-T G.993.2 VDSL2
- › Supports 8a,8b,12a,12b,17a, 30a, 35b profile
- › Supports ATM and PTM
- › Supports G.INP

## ADSL2+

- › PPPoE/PPPoA/IPoA/Static IP / Dynamic IP/Bridge
- › ITU G.992.1 (G.dmt)
- › ITU G.992.2 (G.lite)
- › ITU G.992.3
- › ITU G.992.3 (Annex J)
- › ITU G.992.3 (Annex L)
- › ITU G.992.5
- › ITU G.992.5 (Annex M)
- › ITU G.994.1 (G.hs)
- › Supports multiple PVCs

## ETHERNET WAN

- › PPPoE, DHCP client, Static IP

## WIRELESS

- › Compatible with IEEE 802.11 a/b/g/n/ac/ax
- › Supports concurrent dual band (2.4GHz/5GHz) wireless
- › SSID broadcast or in stealth mode
- › Auto Channel selection
- › WPS button (Wi-Fi Protected Setup)

## VoIP PROTOCOL

- › SIP2.0
- › G.711, G.723 and G.726

## MEDIA

- › File sharing
- › DLNA

## SECURITY

- › Firewall
- › MAC filtering

## ROUTING

- › Static Route
- › Dynamic Route (RIP v1/v2)
- › DMZ
- › Supports Layer 2 Bridge Mode

## ADMINISTRATION

- › QoS
- › SNMP
- › UPnP
- › Syslog
- › Web-based UI
- › Remote Login
- › TR-069 Auto provisioning
- › Backup/Restore Settings

## COMPLIANCE

- › RCM
- › NZ Telepermit

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## NetComm NF20 Spec Sheet Rev 3

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