

**Enhanced VDSL2/ADSL2+ Dual Band AC1600  
Wireless Gigabit Gateway with VoIP**  
NF18ACV

The **digital heart** of the home.

The NetComm Wireless NF18ACV smart residential VDSL2/ADSL2+ wireless gateway brings an enhanced and blazing fast broadband experience to the home.

# Interfaces

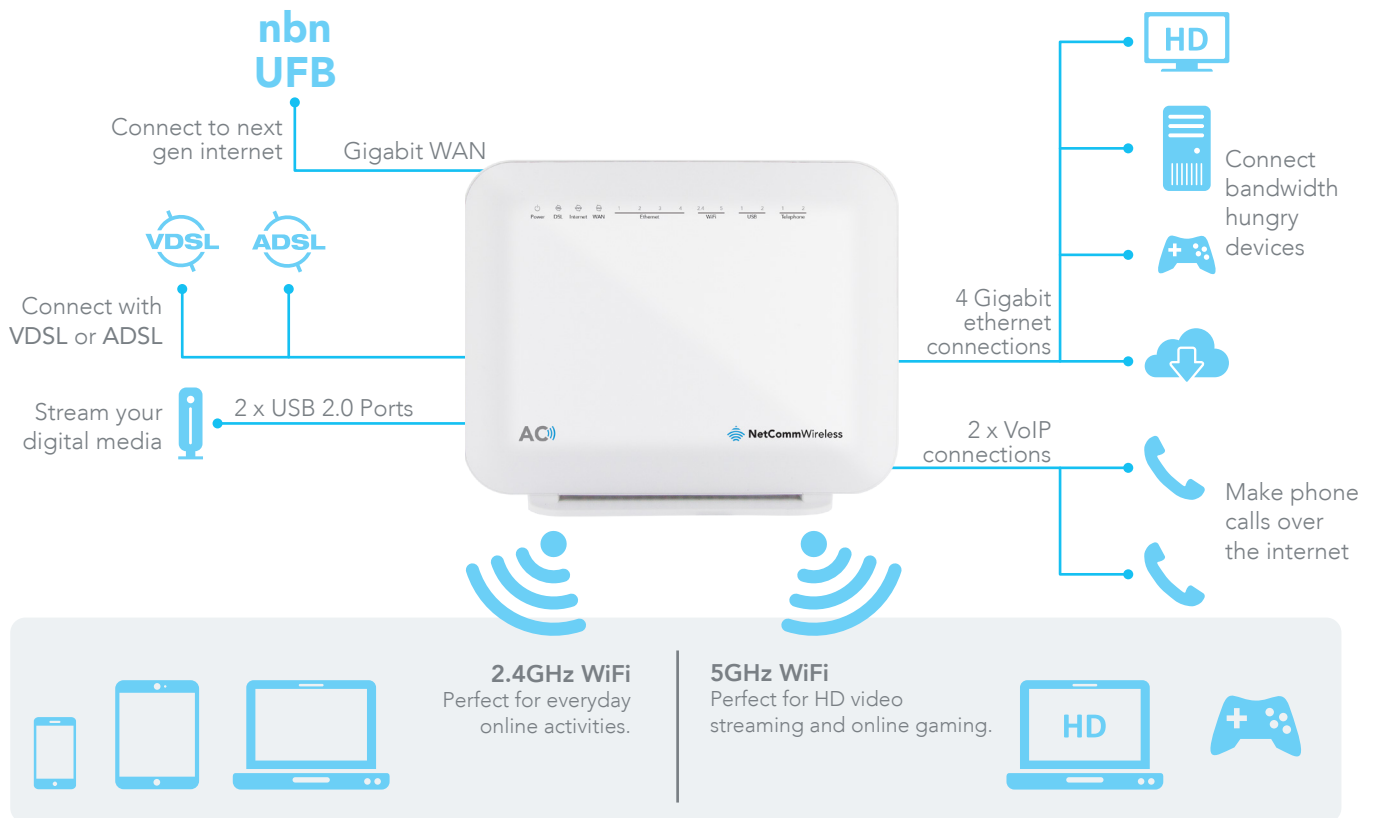


## PERFECT FOR

- Ultra-fast connection to your fixed line VDSL2/ADSL2+ service
- High-speed connection to nbn or UFB Fibre networks FTTN/FTTB and FTTH/FTTP
- Triple play services offer including Voice over IP
- Creating a powerful wireless home network and media sharing

## KEY FEATURES

- Fully featured VDSL2 / ADSL2+ gateway
- 4 x Gigabit Ethernet 10/100/1000 LAN ports
- nbn and UFB ready – 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 WiFi 802.11 AC1600, dual band concurrent, for multiple high-speed wireless connections
- 2x WPS push buttons 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



### nbn and UFB ready

Featuring VDSL2/ADSL2 technologies as well as a Gigabit WAN port, the NF18ACV is a 3-in-1 gateway that provides access to ADSL networks, VDSL and all nbn and UFB fibre network options: FTTN, FTTB, FTTH.



### Triple play services

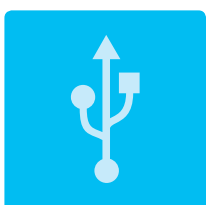
The NF18ACV is a triple play services enabler that supports the transmission of high-speed data, multi HD/UHD IPTV and over the top video streaming, VoIP feature for HD quality voice calls with the capacity to connect 2 phones.



### Enhanced wireless experience

The NF18ACV gateway embeds the newest generation of WiFi (802.11 AC) for powerful access point and video grade wireless capabilities. It allows both 2.4GHz and 5GHz bands to work concurrently, ensuring interoperability with all wireless equipment in the house.

The NF18ACV is equipped with 3 x 3 MIMO internal antennas to provide optimum reception while offering a powerful signal throughout the home. Create an ultra-fast 1600 Mbps<sup>1</sup> WiFi home network and connect a multitude of wireless devices such as smart TVs, set top boxes, laptops, tablets, computers, NAS, smart phones and gaming consoles with upgraded coverage and performance.



### Media Sharing

Connect a USB device to the NF18ACV gateway, access and share all A/V media and file content with all of the connected devices in the house in real time. The NF18ACV becomes the media hub of the house using DLNA/UPnP standard and enhanced wireless capabilities to create a reliable high-speed home network.

# Technical Specifications

## PACKAGE INCLUDES

- NetComm Wireless VDSL2/ADSL2+ Dual Band AC1600 Wireless Gigabit Gateway with VoIP
- Power Adapter
- Printed Quick Start Guide
- Ethernet Cable (1.5m, RJ45)
- Phone Cable (1.5m, RJ11)
- Wireless Security Card
- Warranty Card

## ENVIRONMENTAL AND PHYSICAL

- Operating temperature: 0-40°C, Humidity: 10%-95% non-condensing
- Storage temperature: -10-60°C, Humidity: 5%-95% non-condensing
- DC Input Voltage 12V/2.5A
- Dimensions: 216 (w) x 174 (h) x 28 (d) mm
- Weight: 558 grams

## DEVICE INTERFACE

- 1 x RJ45 10/100/1000Mbps WAN port
- 1 x ADSL / VDSL port
- 4 x RJ45 10/100/1000Mbps LAN ports
- 2 x RJ11 Phone ports (VoIP)
- 1 x USB 2.0 port (storage)
- 1 x Reset button
- 2 x WPS buttons (2.4GHz and 5GHz)
- 1 x Power jack
- 1 x Power switch
- LED (Power/DSL/Internet/WAN/LAN1-4/2.4GHz/5GHz/WPS/USB1-2/ Phone1-2)

## VDSL:

- PPPoE/PPPoA/IPoA/ Static IP/Dynamic IP/Bridge
- ITU-T G.993.2 VDSL2
- Supports 8a,8b,12a,12b,17a profile
- Supports G.vector
- 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)
- Supports multiple PVCs

## ETHERNET WAN

- PPPoE, DHCP client, Static IP

## WIRELESS

- Compatible with IEEE 802.11b, IEEE 802.11g, IEEE 802.11n and IEEE 802.11ac
- Supports concurrent dual band (2.4GHz/5GHz) wireless
- SSID broadcast or in stealth mode
- Auto/Manual Channel selection
- WEP/WPA/WPA-PSK/WPA2/WPA2-PSK
- WPS button (WiFi Protected Setup)

## ANTENNAS

- 3x3 Internal antennas (802.11ac)
- 2x2 Internal antennas (802.11n)

## VoIP PROTOCOL

- SIP2.0
- G.711, G.723 and G.726
- FAX T.38 FAX Relay

## 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

1. Maximum wireless signal rate and coverage values are derived from IEEE Standard 802.11 n and 802.11ac specifications. Actual wireless speed and coverage are dependent on network and environmental conditions included but not limited to volume of network traffic, building materials and construction/layout.

