



N900 Dual Band WiFi Gigabit Modem Router



Perfect for

- Connecting to an ADSL service now and a Fibre service in the future
- Streaming media and content around the home with high speed WiFi
- Future proofing yourself for the rollout of Fibre broadband and IPv6
- Sharing your 3G/4G USB modem with other devices
- Creating a storage network to share files amongst connected devices, including iTunes server and DLNA

KEY FEATURES

- ⊕ 1 x 10/100/1000 Gigabit WAN port
- ⊕ 3 x 10/100/1000 Gigabit LAN ports
- ⊕ High speed dual band Wireless N access point 900Mbps¹
- ⊕ ADSL2+ modem built in
- ⊕ 2.4GHz and 5GHz wireless frequency allows for cleanest possible wireless signal
- ⊕ 3 x transmitting and 3 x receiving WiFi antennas
- ⊕ 1 x FXS port for connection to a VoIP service – landline replacement
- ⊕ 1 x FXO port for landline backup
- ⊕ DECT CAT-iQ 2.0 base station with DECT association button
- ⊕ 2 x USB host ports supporting 3G/4G USB and mass storage file sharing
- ⊕ WPS button for simple setup of your wireless network
- ⊕ Multiple power saving features – time of day LED dimming, WiFi power save features, green/power down functions



SPECIFICATIONS

PACKAGE INCLUDES

- N900 Dual Band WiFi Gigabit Modem Router
- Power Adapter
- Printed Quick Start Guide
- Ethernet Cable (RJ-45)
- Phone Cable (RJ-11)
- Wireless Security Card
- Warranty Card

ENVIRONMENTAL AND PHYSICAL

- Operating temperature: 0-40°C,
- Humidity: 10%-90% non-condensing
- Storage temperature: -10-70°C,
- Humidity: 0%-95% non-condensing
- DC Input Voltage 12V/3A

DEVICE INTERFACE

- 3 x 10/100/1000Mbps LAN port
- 1 x 10/100/1000Mbps WAN port
- 1 x FXO port
- 1 x FXS port
- 2x USB 2.0 port – for 3G/4G USB modem and HDD storage
- 1 x DECT module
- 1 x WPS button
- 1 x WiFi on/off button
- 1 x Reset button
- 3 x 3 internal WiFi antenna
- LED – Power/ ADSL/ 3G Signal/ Internet/ LAN1-4/ WAN/ WiFi/ VoIP/ DECT
- Power Jack

ADSL2+

- ITU 992.1 (G.dmt) Annex A
- ITU 992.2 (G.lite)
- ITU 992.3 ADSL2 (G.dmt.bis)
- ITU 992.5 ADSL2+ (Annex M)
- PPPoE / PPPoA / IPoA / Static IP / Dynamic IP

ETHERNET WAN

- PPPoE, DHCP client, Static IP, PPTP, L2TP
- Auto-reconnect, dial-on demand, manual connect
- Dual stack IPv6

WIRELESS

- IEEE 802.11n. Backwards compatible with IEEE 802.11b/g/a
- 2.4Ghz & 5Ghz Concurrent WiFi
- SSID broadcast or in stealth mode
- Auto/Manual Channel selection
- WEP/WPA/WPA-PSK/WPA2/WPA2-PSK
- WPS button (WiFi Protected Setup)

VOIP

PROTOCOL

- SIP 2.0

VOICE COMPRESSION

- G.711 – Alaw Voice compression
- G.711 – MuLaw Voice compression
- G.726-32 Voice Compression
- G.729AB Voice Compression
- G.168 116 ms tail Line Echo Cancellation

CALL FUNCTION

- Call Forward
- Caller ID setting
- Call Waiting
- 3-way conference call
- Hot line

DECT

- CAT-iQ 2.0 base station
- Easy pairing registration
- Register up to 4 DECT handsets

FILE SHARING

- iTunes server
- DLNA

SECURITY

- IP/Service Filter
- URL blocking
- DoS (Denial of Service) Protected
- MAC control

ROUTING

- Static Route
- Dynamic Route (RIP v1/v2)
- DMZ

ADMINISTRATION

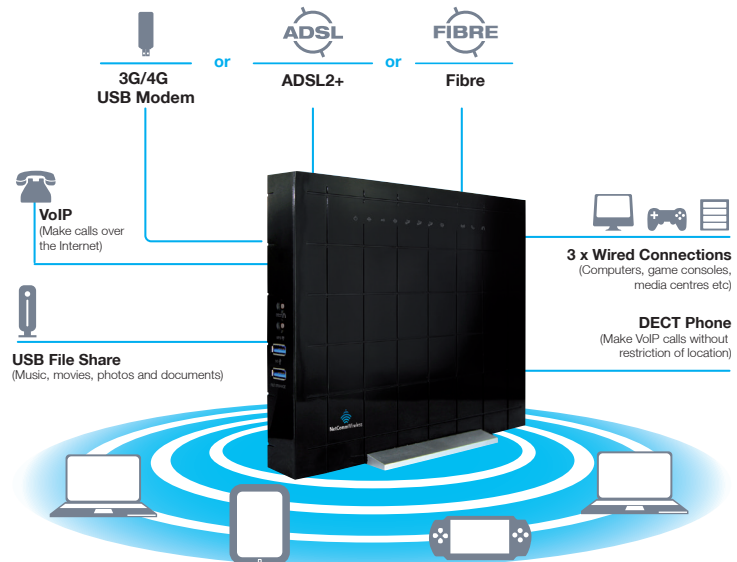
- SNMP
- IGD
- Web-based UI
- TR-069 Auto provisioning
- Backup/Restore Settings
- UPnP
- Syslog
- Remote Login

COMPLIANCE

- A-Tick

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3 WAYS TO CONNECT



The way we all experience the Internet and accessing information online is currently being revolutionised. With high speed data rates opening up new possibilities to what can be achieved over an Internet connection, coupled with the constantly improving technology that is included in our home appliances, the Internet is no longer about just emails and web browsing. A NetComm Wireless NF3ADV router will become the hub of your home – a device that controls more than just your emails and web browsing, but is central to a number of your social, communication, gaming, entertainment and research activities – to name just a few.

The NF3ADV will allow you to access and share your Internet connection at blistering speeds with the built in Gigabit WAN/LAN ports and the concurrent dual band Wireless N access point. With an FXS VoIP port included, your phone line can be made redundant with your phone calls made using a VoIP service, leading to phone reduced bills. With 2 x USB host ports, all users on the network can access any media and files that are on a connected USB hard drive. To further extend the capability, a 3G/4G USB modem can also be used for an alternate Internet connection.

The NF3ADV also feature a built in DECT base station allowing you to call out using a portable DECT handset – your phone line will not be missed.

The NF3ADV also includes an in-built ADSL modem, meaning that this product is still able to connect directly to an ADSL service. ADSL is still in use so users can future proof themselves with a device that can be used with a Fibre connection if it is ever available in the future.

- 1 Maximum wireless signal rate and coverage values are derived from IEEE Standard 802.11g and 802.11n Draft 2.0 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.