WiFi Data and VoIP Gateway

Perfect for

- Connecting to an ADSL service now and a Fibre service in the future
- Future proofing yourself for the rollout of Fibre broadband and IPv6
- Making VoIP calls to reduce the cost of your phone bill
- Creating a storage network to share files amongst connected devices
- Sharing a printer with all connected users

KEY FEATURES

- ADSL2+ modem
- 1 x 10/100/1000 Gigabit WAN port
- 4 x 10/100 LAN ports
- Wireless N access point - speeds of up to 300Mbps[1]
- 2 x FXS ports 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 mass storage file sharing and print serving
- WPS button for simple setup of your wireless network

NetCommWireless

NF1ADV

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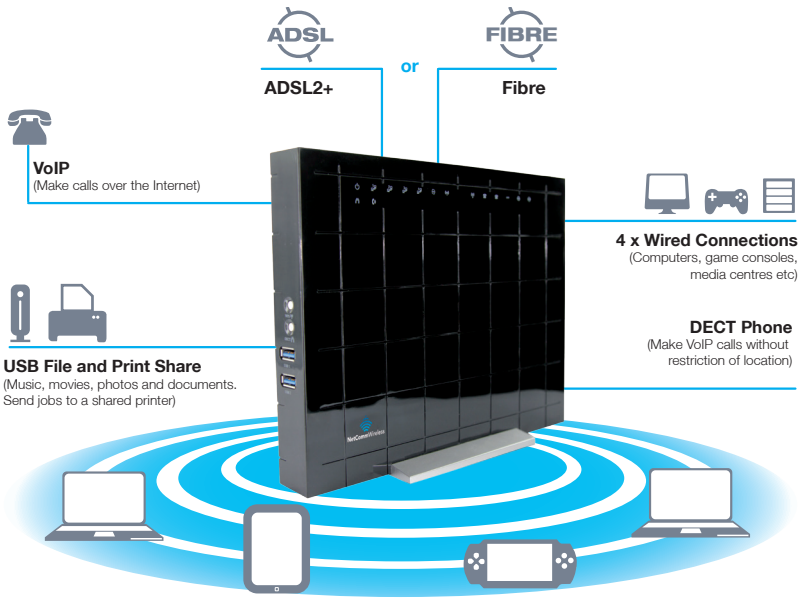

With the high speed data rates opening up new possibilities to what can be achieved over an Internet connection, coupled with the constantly improving technology that is included in our home appliances, the Internet is no longer about just emails and web browsing. The NetComm Wireless NF1ADV will become the hub of your home or business – 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 NF1ADV will allow you to access and share your Internet connection at blistering speeds with the built in Gigabit WAN port and the 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 reduced phone 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, or can share the capabilities of a connected printer.

The NF1ADV also features a built in DECT base station allowing you to call out using a portable DECT handset – your phone line will not be missed.

The NF1ADV 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 when it becomes 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.

SPECIFICATIONS

PACKAGE INCLUDES
- MyOffice
- Power Adapter
- Printed Quick Start Guide
- 1 x Ethernet Cable (RJ-45)
- 1 x Phone Cable (RJ-11)
- Wireless Security Card
- Warranty Card

ENVIRONMENTAL AND PHYSICAL
- Operating temperature: 0-40C, Humidity: 10%-90% non-condensing
- DC Input Voltage 12V/2A

DEVICE INTERFACE
- 4 x 10/100Mbps LAN port
- 1 x 10/100/1000Mbps WAN port
- 1 x FXO port
- 2 x FXS port
- 2x USB 2.0 port – for USB storage and printer
- 1 x DECT module
- 1 x WPS button
- 1 xWiFi on/off button
- 1 x Reset button
- 2 x 2 internal WiFi antenna
- 2 x internal DECT antenna
- LED – Power/ LAN1~4/ WAN/ WLAN/ WPS/ Phone1/ Phone2/ LINE/ DSL/ Internet/ DECT/ Page Register
- Power Jack

ADSL2+
- ITU-T G.992.5,
- ITU-T G.992.1,
- ANSI T1.413 Issue 2
- G.992.5 (ADSL2+) AnnexM
- ITU-T G.992.3,
- ITU-T G.992.2,
- G.992.3 (ADSL2)

ETHERNET WAN
- PPPoE, DHCP client, Static IP, PPTP, L2TP
- Dual stack IPv6

WIRELESS
- IEEE 802.11n. Backwards compatible with IEEE 802.11b/g
- SSID broadcast or in stealth mode
- WMM
- WEP/WPA/WPA-PSK/WPA2/WPA2-PSK
- WPS button (WiFi Protected Setup)

VOIP
PROTOCOL
- SIP (FRC3261)

VOICE COMPRESSION
- G.711u , G.711a, G.729a

CALL FUNCTION
- On/Off Hook caller ID (ETSI based)
- Lifeline
- SDP (FRC2327)
- Echo cancellation (G.168)
- Silence suppression

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

QOS
- L3 Policy –based QoS
- IPQoS
- DSCP/TOS

SECURITY
- Authentication protocols (PAP/CHAP)
- VPN PPTP/L2TP/IPSec Pass-through
- Stateful packet inspection
- Packet filtering
- Denial of service protection
- Traffic conditioning
- WFQ based bandwidth

ROUTING
- IPv6 Static route
- Dynamic Route (RIP v1/v2)
- NAT/PAT,
- DHCP Client/Server/Relay
- DNS
- ARP
- IGMP Proxy

ADMINISTRATION
- SNMP
- TR-069/ TR-098/ TR-111
- Web-based UI
- Backup/Restore Settings
- UPnP
- Syslog
- Remote Login

COMPLIANCE
- A-Tick

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