N300 WiFi Gigabit Router with Voice

NetCommWireless

Perfect For

- Creating a WiFi network to share your Internet connection
- High speed wired networking through the Gigabit ports
- Future proofing yourself for the rollout of the NBN and IPv6
- Creating a storage network to share files amongst connected devices
- Cutting phone costs by making VoIP calls

KEY FEATURES

- Gigabit WAN port for a fixed line connection. Perfect for a future NBN/Fibre connection
- Establish up to 4 high speed wired connections with the Gigabit LAN ports
- Hardware design allows for real Gigabit speeds from WAN to LAN
- NBN ready: carefully developed hardware and software features to ensure this device is optimised for use on the National Broadband Network:
  - Wireline Routing Speeds
  - IGMP Snooping
  - Jumbo frame support
  - IPTV IGMP V1 V2 Pass through
  - VLAN tagged/untagged frames
  - QoS:TOS/DSCP to 802.1p mapping (DiffServ)
- Create a WiFi network to share your connection with multiple WiFi devices at speeds of up to 300Mbps
- One USB 2.0 port that can support 3G/4G USB modems or external hard drives. Insert your compatible 3G/4G USB modem for an alternate Internet connection. Plug in your external hard drive and share all of the stored files with connected users (optional configuration)
- One VoIP phone port to make calls over the Internet
- Supports IPv6 for next generation IP addressing

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NF5

N300 WiFi Gigabit Router with Voice
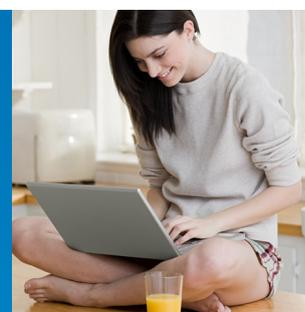
SPECIFICATIONS

PACKAGE INCLUDES:
- N300 WiFi Gigabit Router with Voice
- Power Adapter
- 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/1.5A

DEVICE INTERFACE
- 1 x RJ45 port (Blue) 10/100/1000 Mbps
- 4 x RJ45 port (Yellow) 10/100/1000 Mbps,
- 1 x RJ11 port (Grey), FXS for regular phone set
- 1 x WPS/Reset Button
- 1 x USB 2.0 (black) for external HSPA modem and file sharing
- Power button   •   Power Jack
- LED (Power/USB/WAN/LAN1-LAN4/WiFi/Phone)

WIRELESS WAN
- 1 x USB 2.0 Port for external 3G/4G modem
- PPP (for WCDMA / HSPA)
- Automatic 3G Failover function

WIFI
- Unique Wireless SSID and encryption key
- IEEE 802.11n. Compatible with IEEE 802.11b/g/a
- SSID broadcast or in stealth mode
- Auto/Manual Channel selection
- WEP/WPA/WPA-PSK/WPA2/WPA2-PSK
- WPS button (WiFi Protected Setup)

ETHERNET WAN
- 1 x Gigabit WAN port (10/100/1000 Mbps)
- PPPoE, DHCP client, Static IP, PPTP, L2TP

FUNCTIONALITY

IPV6 SUPPORT
- o Static IPv6   o PPPOE
- o DHCPv6   o Dual Stack IPv6

VOIP

PROTOCOL
- o SIP 2.0   o T.38 FAX Relay

VOICE COMPRESSION
- o G.711-Alaw voice compression
- o G.711-Mulaw voice compression
- o G.726-32 voice compression
- o G.729AB voice compression
- o G.168 116 ms tail line echo cancellation

CALL FUNCTION
- o Call forward   o Caller ID
- o Call waiting   o 3-way conference call

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

ROUTING
- Static Route
- Dynamic Route (RIP v1/v2)
- DMZ   •   DDNS
- IPTV IGMPv1/v2/v3 snooping and filtering,
- VLAN tagged/ Untagged frames
- Jumbo Frame
- VPN Passthrough (PPTP/L2TP/IPSec)

ADMINISTRATION
- SNMP   •   UPnP
- IGD   •   Syslog
- Web-based UI   •   Remote Login
- TR-069/TR-064 Auto provisioning
- Backup/Restore Settings
- QoS: Support QoS mechanism for prioritizing the various type of traffics, TOS/DSCP to 802.1p mapping (DiffServ)

STORAGE
- Storage/File Sharing: FAT16/FAT32, EXT2, NTFS
- Samba server, FTP server
- Supports DLNA

ADSL/Cable (ADSL/Cable modem required)

NBN

3G/4G USB Modem

USB File Share (Music, movies, photos and documents)

VoIP Make phone calls over the Internet

4 x Wired Gigabit Connections (Computers, game consoles, media centres etc)
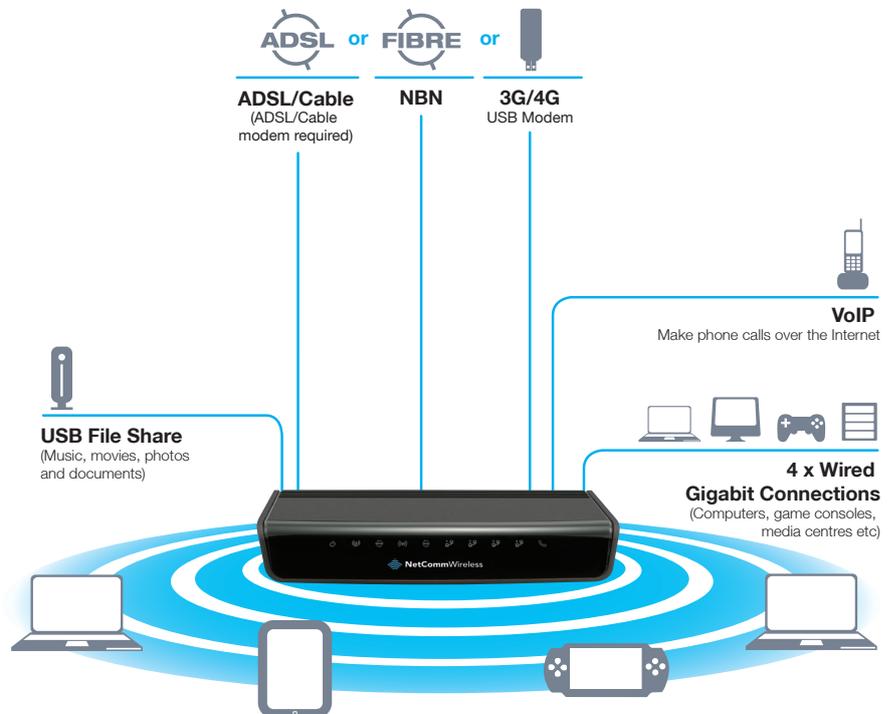
The NetComm Wireless NF5 is a future ready WiFi router that connects the home or office to super-fast broadband. Simply connect your fixed line modem to the Gigabit WAN port for instant Internet access - perfect for NBN/Fibre connections

The advanced network sharing function gives multiple users the freedom to watch movies, download music, play online games and enjoy other bandwidth intensive activities such as IPTV streaming on a single broadband account.

Enjoy extended WiFi coverage with high-speed WiFi N, or connect up to four wired devices via the Gigabit Ethernet ports. The device also features a USB 2.0 port for external hard drive storage or an alternate Internet source with a compatible 3G/4G USB modem. The VoIP phone port allows users to make phone calls over the Internet, making a phone line completely redundant and cutting phone costs.

The NF5 is also kind to the environment with innovative green features for power conservation. With support for IPV6, users are ensured that their router will be able to continue to access websites when new web addressing starts becoming a commonplace.

*   Maximum wireless signal rate and coverage values are derived from IEEE Standard 802.11g and 802.11n 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.

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