

# ADSL2+ Wireless N300 Modem Router With Gigabit WAN, VoIP and USB host

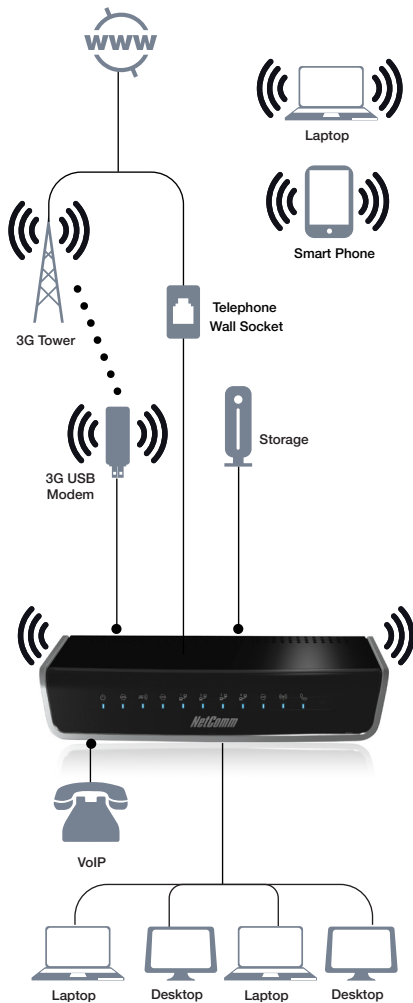


## KEY FEATURES

- Fully featured ADSL2+ Modem Router
- 1 x 10/100/1000 Gigabit Ethernet WAN port for connection to fibre services
- 4 x 10/100 Ethernet LAN ports for wired connections
- Wireless N300 Access Point for multiple high speed WiFi connections
- 1 x FXS port for connecting a telephone to make VoIP calls
- 2 x USB host ports – supports 3G USB modem and USB storage device for file sharing
- Built-in media server. Just add a USB hard drive and you have an AV media or iTunes server
- IPv6 ready for the next generation IP addressing
- WPS button for simple setup of your wireless network
- Multiple power saving features – time of day LED dimming, WiFi power save features, power down functions

Model Code/ Part Number	Description	APN Code
NB16WV	NetComm Gateway Series ADSL2+ Wireless N300 Modem Router	9317773014662

# ADSL2+ Wireless N300 Modem Router With Gigabit WAN, VoIP and USB host



THE NB16WW INCORPORATES NUMEROUS TECHNOLOGIES INTO ONE STYLISH DEVICE THAT CAN ACT AS THE CENTRAL CONNECTION POINT FOR ALL OF YOUR ONLINE ACTIVITIES WITHIN YOUR HOME OR OFFICE.

By featuring both an ADSL2+ modem and a Gigabit WAN port you can choose whether you connect to the Internet via ADSL or a fibre service. If you don't have a fibre connection, the Gigabit WAN port will have you protected should you choose to update in the future.

This router also includes 2 x USB host ports that can be used to connect USB devices so that their capabilities can be shared with all connected users. Connect a compatible 3G USB modem that can act as an additional connection option when a fixed line connection is not available, like at a holiday home. Connect a USB hard drive so that all files stored can be accessed and shared.

The included FXS port can be used to connect a standard telephone that will allow users to make calls over the Internet. By using a VoIP service, phone bills can be dramatically reduced and if connecting with Fibre, the phone line can be made redundant.

All of these features can be shared with multiple users via the built-in wireless access point or the four LAN Ethernet ports. The high speed Wireless N provides a signal strong enough to penetrate the far corners of a house and can connect all WiFi enabled devices, such as laptops, smart phones, gaming consoles, tablets and PCs. The four LAN Ethernet ports provide a wired connection that can be used to connect desktop computers, media devices or any Ethernet equipped product.

## TECHNICAL SPECIFICATIONS

### PACKAGE INCLUDES

- NetComm ADSL2+ Wireless N Modem Router with VoIP
- Power Adapter
- Printed Quick Start Guide
- Ethernet Cable (RJ-45)
- Phone Cable (RJ-11)
- Wireless Security Card
- Warranty Card

### ENVIRONMENTAL AND PHYSICAL

- Operating temperature: 0-40oC, Humidity: 10%-90% non-condensing
- Storage temperature: -10-70oC, Humidity: 0%-95% non-condensing
- Dimensions: 215mm (L) x 37mm(W) x 145mm(H)
- DC Input Voltage 12V/1.5A

### DEVICE INTERFACE

- 1 x USB 2.0 for 3G modems
- 1 x USB 2.0 for file sharing
- 1 x 10/100/1000Mbps RJ-45 WAN port
- 4 x 10/100Mbps RJ-45 LAN ports
- 1 x RJ-11 FXS port for VoIP
- 1 x RJ-11 ADSL port
- WPS/Reset Button
- Power button
- Power jack
- Power / ADSL sync / 3G signal / Internet / LAN 1-4 / WAN / WiFi / FXS

### ADSL2+

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

### WIRELESS WAN

- 1 x USB 2.0 port for external HSPA modem
- PPP (for WCDMA / HSPA)

### ETHERNET WAN

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

### WIRELESS

- IEEE 802.11n, Backwards 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)

### FUNCTIONALITY

- IPv6 Support
- Static IPv6
- PPPoE
- DHCPv6
- Dual Stack IPv6

### 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
- Dial plan
- Call waiting
- 3-way conference call
- Hot line

### SECURITY

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

### ROUTING

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

### ADMINISTRATION

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

### COMPLIANCE

- A-Tick

### ENVIRONMENTAL AND CERTIFICATION

#### Physical Specification

- Dimensions: 215mm (L) x 37mm (W) x 145mm (H)
- Weight: 401g

### NETCOMM LIMITED

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