



AC1200 WiFi Gigabit Router with Voice



Perfect for

- NBN-ready connectivity with a Gigabit WAN port for a high speed fibre connection
- Future-proofing your connection with support for IPv6 addressing
- Sharing the connection of a 3G/4G USB dongle
- Reducing your phone call costs using cost-effective VoIP
- Streaming media and moving files over high speed dual band WiFi

KEY FEATURES

- ⌚ 1 x 10/100/1000 Gigabit Ethernet WAN port for connection to fibre services
- ⌚ 4 x 10/100/1000 Gigabit Ethernet LAN ports for wired connections
- ⌚ Supports 802.11ac WiFi on the 5GHz frequency for speeds of up to 866Mbps¹
- ⌚ Supports 802.11n WiFi on the 2.4GHz frequency for speeds of up to 300Mbps¹
- ⌚ 1 x FXS port for connecting a telephone to make VoIP calls
- ⌚ 1 x USB host port – supports 3G/4G USB modem
- ⌚ 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)
- ⌚ 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, power down functions





SPECIFICATIONS

PACKAGE INCLUDES

- AC1200 WiFi Gigabit Router with Voice
- Power Adapter
- Printed Quick Start Guide
- Ethernet Cable (RJ45)
- Phone Cable (RJ11)
- 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
- Dimensions: 215mm (L) x 37mm(W) x 145mm(H)
- DC Input Voltage 12V/2A

DEVICE INTERFACE

- 1 x USB 2.0 for 3G/4G modems
- 1 x 10/100/1000Mbps RJ45 WAN port
- 4 x 10/100/1000Mbps RJ45 LAN ports
- 1 x RJ11 FXS port for VoIP
- 2 x 2 Internal Dual band WiFi
- WPS/Reset Button
- Power button
- Power jack
- LED (Power / 3G/4G / Internet / LAN 1-4 / WAN / WiFi / Phone)

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 802.11ac/a/n(2x2), 11b/g/n(2x2) compliance
- 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
- Jumbo Frame support

VOIP PROTOCOL

- SIP 2.0
- VOICE COMPRESSION
- G.711-Alaw voice compression
- G.711-Mulaw voice compression
- G.726-32 voice compression
- G.168 116 ms tail line echo cancellation

CALL FUNCTION

- Call Forward
- Caller ID setting
- Dial Plan
- Call waiting
- 3-way conference call
- VoIP Log

SECURITY

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

ROUTING

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

ADMINISTRATION

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

QOS

- Bandwidth management
- ToS/DSCP marking
- VLAN Tagging

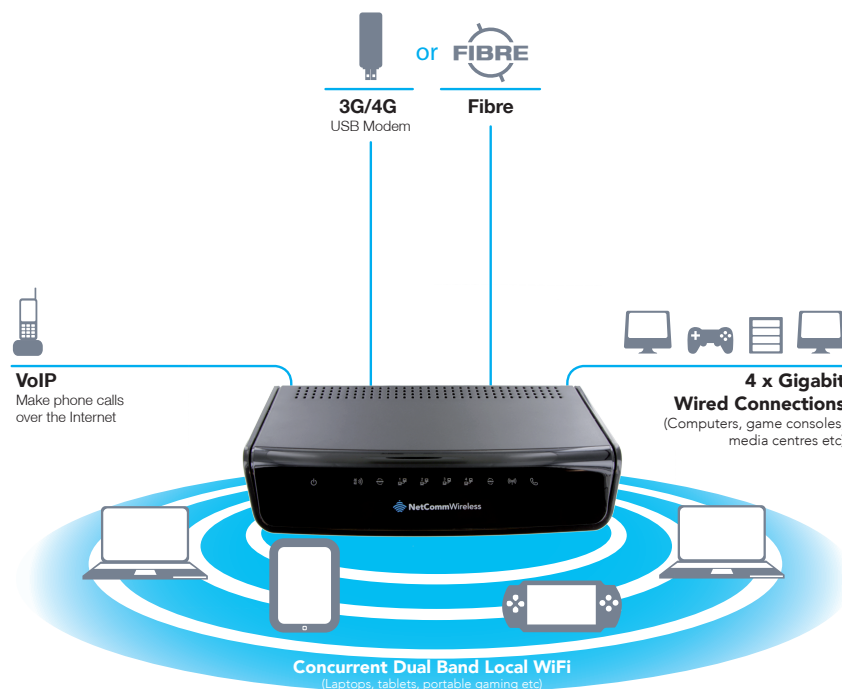
VPN

- Support IPSec VPN tunnels (80 IPsec VPN tunnel)
- Support PPTP server/client (5 PPTP VPN tunnel)
- Support L2TP server/client (5 L2TP VPN tunnel)

COMPLIANCE

- RCM

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Connect to your NBN service using the Gigabit WAN port for a high speed fibre connection, or use the 3G/4G modem to create a fast and reliable wireless connection. Phone expenses can be drastically reduced using the VoIP service to make calls over the Internet. Create an instant connection at a holiday home or temporary office location using a compatible 3G/4G USB modem that provides an additional connection option when a fixed line connection is not available.

The device can be used to replace your phone line completely by connecting a VoIP service with fibre, and the included FXS port can be used to connect a standard telephone. Share all of these features with multiple users via the 4 built-in Gigabit LAN ports and provide a wired connection that can be used to connect desktop computers, media devices or any Ethernet equipped product.

- 1 Maximum wireless signal rate and coverage values are derived from IEEE Standard 802.11g/n/ac 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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