ADSL2+ AC1200 WiFi Gigabit Modem Router with Voice

Perfect for
- Connecting to your fixed line ADSL service
- Future proofing with a Gigabit WAN port for high speed connection to the NBN and support for IPv6 addressing
- Sharing the connection of a 3G/4G USB dongle
- Reducing your phone call costs by utilising VoIP
- Creating a storage network to share files saved on a hard drive with all connected users
- Streaming media and moving files over high speed dual band WiFi

KEY FEATURES
- Fully featured ADSL2+ Modem Router
- 1 x 10/100/1000 Gigabit Ethernet WAN port for connection to fibre services
- 4 x 10/100/1000 Gigabit Ethernet LAN ports for wired connections
- Supports 802.11ac WiFi on the 5GHz frequency for speeds of up to 866Mbps
- Supports 802.11n WiFi on the 2.4GHz frequency for speeds of up to 300Mbps
- 1 x FXS port for connecting a telephone to make VoIP calls
- 2 x USB host ports – supports 3G/4G USB modem and USB storage device for file sharing
- Built-in media server. Just add a USB hard drive
- 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
# ADSL2+ AC1200 WiFi Gigabit Modem Router with Voice

## Specifications

**Package Includes:**
- ADSL2+ AC1200 WiFi Gigabit Modem Router with Voice
- 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
- Dimensions: 215mm (L) x 37mm (W) x 145mm (H)
- DC Input Voltage: 12V/2.5A

**Device Interface**
- 1 x USB 2.0 for 3G/4G modem
- 1 x USB 2.0 for file sharing
- 1 x 10/100/1000Mbps RJ-45 WAN port
- 4 x 10/100/1000Mbps 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 / FIB

### ADSL
- ITU 1900-1 (G.dmt) Annex A
- ITU 1900-2 (G.lite)
- ITU 1902 ADSL2 (G.dmt.bis)
- ITU 1909 ADSL2+ (G.dmt.bis)
- PPPoE / PPPoA / PPTP / Static IP / Dynamic IP

### Wireless WAN
- 1 x USB 2.0 port for external HSPA modem
- PPPoE (for WCDMA / HSPA)

### Ethernet WAN
- 1 x Gigabit WAN port (10/100/1000 Mbps)
- PPPoE, DHCPv6 client, Static IP, PPTP, L2TP

### Internal Antenna
- 11ac - 2T2R
- 11n - 2T2R

### WiFi
- Supports IEEE 802.11ac, IEEE 802.11n, Backwards compatible with IEEE 802.11b/g/n
- 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)

### Functionality
- IP Address Support
  - Static IPv4
  - PPPoE
  - DHCPv6
  - Dual Stack IPv6

### VoIP
- IP: 2.0

### Voice (Voice Over Internet Protocol)
- G.711-A-law voice compression
- G.711-Mu-law voice compression
- G.729-32 voice compression
- G.168 116 ms half line echo cancellation

### Call Features
- Call Forward
- Caller ID
- Call waiting
- 3-way conference call
- Hot line

### Security
- WiMiwica firmware
- URL blocking
- MAC control
- DoS (Denial of Service) Protected

### Routing
- Static Route
- Dynamic Routes (RIP v1/v2)
- DMZ

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

### Compliance
- RoHS

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

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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 will all connected users. Connect a compatible 3G/4G 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 at blistering speeds with multiple users via the built-in Gigabit LAN ports and the high speed concurrent dual band ac WiFi access point. The high speed dual band WiFi 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 Gigabit LAN ports 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, 802.11n and 802.11ac 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.