WIRELESS SUPER G ROUTER

108 Mbps
802.11
2.4Ghz
G

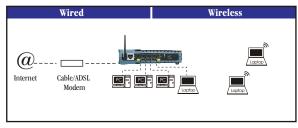**With Firewall Support**

Cable/DSL Wireless Super G 108 Mbps 4 Port Combo Router
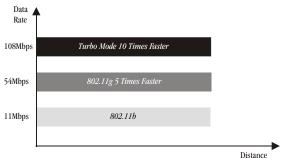
NA8300

Aztech NetAccess **NA8300** Wireless Super G 108 Mbps 4 Port Ethernet Combo Router provides users of existing ADSL or Cable Modem, a convenient way to maximize their Broadband connectivity, with a 4 in 1 device combining a high speed 108 Mbps wireless access point, a 4 Port AutoMDI/MDIx 10/100 Switch, IP Router and Dual NAT/Stateful Packet Inspection Firewall.

- **SUPER FAST** - 108 Mbps
  For high speed gaming, surfing & file sharing

- **SUPER RELIABLE** - IEEE 802.11b/g support
  Ensure compatibility with both 'B' & 'G' clients

- **SUPER RANGE** - Ensures wireless surfing at extended range

- **SUPER EASY** - Simple-to-use Web Based GUI for easy installation

- **SUPER SECURE** - Both SPI & NAT Based Firewall ensure double protection

Wired & Wireless G Internet Sharing

Wired	Wireless

Internet   Cable/ADSL Modem   PC PC PC   Laptop   Laptop   Laptop

Wireless LAN Support

Data Rate

108Mbps	*Turbo Mode 10 Times Faster*
54Mbps	*802.11g 5 Times Faster*
11Mbps	*802.11b*

Distance

* Atheros Turbo Mode

Encapsulation/Connection Support
- Static IP Support
- Obtain IP automatically
- RFC2516 PPPoE Support
- Supports both Cable and DSL Modem

Network Support
- Static IP RIP support
- Network Address Translation (NAT)
- NAT Application Level Gateway for FTP and Gaming Applications
- Port Forwarding support
- DMZ Port Forwarding Support
- DHCP Server/Relay/Client
- DNS Relay Agent
- IP Sec/PPTP/L2TP VPN Pass Through
- PPP Dial On Demand
- PPP Always On

WLAN Support
- IEEE 802.11, 802.11b and 802.11g compliant
- Conforms to Wireless Ethernet Compatibility Alliance (WECA) Wireless Fidelity (Wi-Fi™) Standard
- Supports 802.11b and 802.11g simultaneously
- Support seamless WLAN roaming
- Frequency Band:
  * 2412 MHz - 2462 MHz (N.America/FCC)
  * 2412 MHz - 2472 MHz (ETSI/Europe)
  * 2412 MHz - 2484 MHz (Japan)
  * 2457 MHz - 2472 MHz (France)
  * 2457 MHz - 2462 MHz (Spain)
- Support Direct Sequence Spread Spectrum (DSSS) technology
- Modulation: OFDM with BPSK, QPSK, 16QAM, 64QAM, DBPSK, DQPSK, CCK
- Wireless Media Access Protocol - CSMA/CA with ACK
- Dynamic Rate Scaling from 54, 48, 36, 24, 12, 11, 9, 6, 5.5, 2, 1 Mb/s
- Support Atheros TurboMode™ of up to 108Mb/s
- Transmitter Output Power - 18dBm ±2dBm
- Operation Range > 300 meters in open environment

Management Support
- Single Point Web Based Management GUI for Wired & Wireless
- Special client side device search utility to

Management Support
- Single Point Web Based Management GUI for Wired & Wireless
- Restore Defaults from Web Management with below options
  - Restore to Last Saved configuration
  - Restore to Last Installer configuration
  - Restore to Factory Default settings
- Hardware Factory Default Button
- Web based error log
- Able to monitor Wireless Client/AP and Ethernet Statistics
- Firmware upgradeable for future feature enhancement

Security Support
- Support for 40 bit key plus 24 bit initialization vector (WEP)
- Support for 104 bit key plus 24 bit initialisation vector (128 RC4)
- Support for IEEE802.1x

LED INDICATORS
- 1 x Power LED
- 1 x PPP Status LED
- 1 x WLAN Status LED
- 1 x WAN Link/ACT Status LED
- 4 x LAN Link/ACT Status LED

EXTERNAL CONNECTORS
- 1 x RJ45 for 10/100 Base-T Ethernet (AutoMDI/MDI-X) for WAN Port (Colour Coded - Gray)
- 4 x RJ45 for 4 Port 10/100 Ethernet (AutoMDI/MDI-X) for LAN interface (Colour Coded - Yellow)
- 1 x DC 9V Power Connector
- 1 x On/Off Power Switch (population option)
- 1 x 180° Rotatable 2.4Ghz Antennae
- 1 x Factory Default Reset Button

Aztech
TOTAL POWER PERFORMANCE