



- Broadband wireless router for cable or ADSL modems
- Triple Security – NAT, SPI/DoS and WPA
- Web content filtering
- USB 2.0 Host Ports for Disk and Print Serving
- Universal Plug & Play (UPnP)
- Virtual Server/Port Forwarding
- VPN Passthrough
- Easy Configuration & Setup
- Works with all Operating Systems

# SUPER-G Wireless Gateway

## ➤ SUPER G WIRELESS GATEWAY

The NB620W is a state-of-the-art Wireless Gateway with the latest in advanced broadband wireless connectivity.

Now it's simple and cost-effective to build a local network with Internet access using wired or wireless technology.

The NB620W features the latest 802.11g wireless standard for high speed transfer rates up to 54Mbps, as well as Atheros' Super-G mode to turbocharge your transfer rates. The NB620W is backwards compatible with 11Mbps, 802.11b wireless networks and carries a built-in 4 port 10/100 Base-TX Ethernet Switch.

## ➤ TRIPLE SECURITY

The NB620W introduces three levels of security to keep those intruders and hackers out of your wired or wireless network. The combination of NAT and SPI/DoS (Stateful Packet Inspection/Denial of Service) firewall technology, the latest WEP (Wireless Encryption Protocols) and WPA (WiFi Protection Access – PSK and Radius) ensures the safety of your network PCs and their data.

## ➤ WORKS WITH ANY OPERATING SYSTEM

The NB620W works with any Operating System that supports TCP/IP, including Windows®, Apple Macintosh and Linux. The NB620W can be connected to a cable or ADSL modem to access a broadband Internet service. The Web-based user interface facilitates easy set up and administration.

## ➤ DISK & PRINT SERVER BUILT-IN

The NB620W features two USB 2.0 ports for Disk and Print Serving. Simply connect a supported USB 1.1 or 2.0 printer to the built-in USB host and all authorised users can use this printer, via both the LAN and wireless LAN. You can also connect any hard drive or Flash drive to the other USB port to make the data available to authorised users on the local LAN as well as wireless users.

## ➤ 3-YEAR WARRANTY WHEN YOU REGISTER ONLINE

1 year warranty out of the box. Extra 2 years **FREE** with online registration at [www.netcomm.com.au](http://www.netcomm.com.au)

## SOFTWARE SPECIFICATIONS

### Networking/Transport layer protocol

- 802.1D Bridge for LAN and Wireless bridging
- DHCP server
- PPPoE, Telstra BigPond, DHCP client and Fixed IP for broadband DSL/Cable ISP connection (eg Optus Cable)
- MAC address spoofing
- Static routes
- DNS proxy
- Dynamic DNS for dynamic IP based domain name service
- NTP client for network time synchronisation
- 802.11g Access Point

### Firewall/NAT

- Stateful packet inspection
- DoS attack prevention
- Virtual Server/Port Forwarding
- One DMZ host
- IP packet filtering with scheduling (MAC based access control list)
- Event logging and email alert for DoS attack
- ALG support including: IPSec, PPTP, L2TP, H.323, SIP, NetMeeting, MS Messenger, RealPlayer, Quick Time (ICQ, CuSeeMe, VDO Live, Quake III, Diablo II, Age of Empire II)

### Wireless Security

- Supports 40/64, 128 and 152-bit WEP encryption
- MAC based access control list
- Wireless Access Control (SSID)
- Wi-Fi Protected access (WPA) compatible (Pre-shared Key)
- 802.1X

### Web Content Filtering

- Supports true proxy-based URL blocking with scheduling

### Management

- Web-based configuration wizard
- Web-based firmware upgrade, configuration profile backup/restore
- Remote management
- Supports Windows®-based syslog viewer
- Supports UPnP

### File sharing support

Supported OS: USB support needed – Windows® 98se, Me, 2000, XP  
Management Tool: Web-Based

### Printing supported features

Supported OS: native Windows® 2000 & XP LPR Protocol, Win95, 98 & Me with 3rd party LPR Client (not supplied)  
Supported Networks: LPR Print Server  
Management Tool: Web-Based

## HARDWARE SPECIFICATIONS

### Access Interface

- WAN: One 10/100 Base TX port, auto-sensing, auto MDIX, RJ-45 connector
- LAN: Four 10/100 Base TX ports, auto-sensing, auto MDIX, RJ-45 connector
- Wireless: External Antenna, frequency: 2.412~2.484 GHz, supports 13 channels, data rates 6, 9, 12, 18, 24, 36, 48 and 54 Mbps auto fallback function, Super-G Wireless Mode.

### LED Indicators

- LED 1~4 shows status of local port # 1~4.
- WLAN LED shows Wireless LAN connection
- WAN LED shows WAN/Internet port status
- Power LED

### Reset Button (factory default-setting button)

### Two USB 2.0 Host ports (for Disk and Print Serving)

### Environment

- Operation Temperature: 0°C ~ 45°C
- Operation Humidity: 5% ~ 95%
- Storage Temperature: -20~+85°C
- Storage Humidity: 5%~95%

### Power

- AC Adaptor: Input 240VAC; Output 15 V DC/1.0 Amps
- Maximum power consumption: 10 Watts

### Dimensions & Weight

- 180mm x 143mm x 40.5mm (W x D x H); 320 g without holder

### Certification

- C-tick

## KEY FEATURES

- Supports PPPoE, DHCP Client and Server, TCP/IP, UDP, ICMP, DNS Proxy, Dynamic DNS, SNTP features
- Four 10/100M Base TX ports for PC or LAN connection and one 10/100M Base TX WAN port for broadband connection
- 802.11g Wireless Access Point supports up to 54Mbps
- Atheros' Super-G wireless mode – turbocharge your transfer rates
- Supports automatic hacker pattern detection to block malicious intrusions
- Network Address Translation (NAT) conceals private network from the Internet
- VPN passthrough allows secure communication protocols
- Web-based user interface for easy installation, configuration and management
- Virtual Server/Port Forwarding allows outside users to access internal servers via the Internet
- Administrators can block specific users' Internet access by UPI (User Profile Identification)
- Supports UPnP for easy device discovery and advanced Internet applications
- USB 2.0 Host port for LPR print sharing
- USB 2.0 Host port for file sharing

## PACKAGE CONTENTS

- NB620W Super G Wireless Gateway
- Power supply
- Vertical mounting foot
- Manual/Tutorial CD
- Package Contents List
- Quick Start Guide



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