

Mobile 3G Data Router

N3G002W – Mobile 3G Data Router with 54Mbps Wireless

NetComm[®]
www.netcomm.com.au



KEY FEATURES

- ⊗ WAN Port for backup to either ADSL or Cable Broadband Service
- ⊗ LAN interface for wired connection to your PC or Laptop
- ⊗ Compatible with UMTS/HSDPA/EV-DO/3G/Next G/PCMCIA or PC Express* Cards and USB Modems
- ⊗ Built-in NAT function: allows multiple PCs and devices to share one Internet connection
- ⊗ Browser-based interface for configuration and management: OS independent, easy-to-use
- ⊗ Built-in firewall
- ⊗ VPN support: pass through of PPTP, L2TP, and IPSec
- ⊗ Easy to manage: using Web for system management
- ⊗ Easy to setup: Web based configuration

The **NetComm N3G002W** is a 1-LAN-port/1-WAN-port broadband router with 3G PC card slot and USB Port. It is easily managed by web UI, SNMP and UPnP. SPI firewall is embedded in the product, and packet filtering and access control are also implemented.

It supports various connection approaches for the ISP such as static IP, dynamic IP (DHCP client), dynamic IP with Road Runner Session Management, PPPoE, unnumbered PPPoE, unnumbered PPPoE+NAPT, MultiSession PPPoE, L2TP, PPTP, and 3G.

* PC Express cards require the use of a **PC Express to PCMCIA cradle**, not supplied

LED Indicator

| LED | Function | Color | Status | Description |
|-------|-------------------|-------|----------|---|
| 3G | System status | Green | Blinking | Indicates system is alive. |
| LAN | Link status | Green | On | An active station is connected to the corresponding LAN port. |
| WAN | WAN port activity | Green | On | The WAN port is linked. |
| | | | Blinking | The WAN port is sending or receiving data. |
| Wi-Fi | Wireless activity | Green | Blinking | Sending or receiving data via wireless interface |

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TECHNICAL SPECIFICATIONS

HARDWARE

- AMRISC20000 (32bit SOC) – CPU+MAC SOC
- Memory - Flash 4MB – SDRAM 32MB
- WAN Port - IEEE 802.3 – 1 x 10/100 BaseT port
- LAN Port - IEEE 802.3 – 1 x 10/100 BaseT ports
- LED - M1/WAN/LAN/Wi-Fi
- Reset Button
- 1x USB 2.0
- Detachable Antenna

WIRELESS

MAC/BB

- RT2561S – Turbo g

RF

- RT2527

Standard

- IEEE 802.11b/g compliant

Output Power

- 802.11g: 14dbm
- 802.11b: 17dbm

Sensitivity

- 802.11g : -72dbm @54M
- 802.11b: -86dbm @11M

Data Rate

- 6/9/11/12/18/24/36/48/54Mbps in 802.11g mode
- 1/2/5.5/11Mbps in 802.11b mode Auto fallback

Frequency

- 2.4-2.483GHz

Modulation

- 802.11b: DSSS / BPSK / QPSK / CCK
- 802.11g: OFDM / DSSS / BPSK / QPSK / CCK

Access Mode

- CSMA/CA

Antenna

- 1.80 dBi Detachable Antenna

Range Cover

- Per cell indoors approx. 35-100 meters
- Per cell outdoors up to 100-300 meters

Number of Channels

- Europe/Australia/ETSI: 2.412-2.472GHz (13 Channels)

Security

- WEP(64/128bit)
- WPA-PSK
- WPA/WPA2
- TKIP
- MAC address filtering
- AES

NETWORKING AND FEATURES

Access Control

- Domain Filter
- Packet Filter
- URL Blocking

Firewall

- DoS
- IDS/IPS
- NAT Firewall
- SPI

General

- DDNS
- DHCP Server
- Proxy DNS server
- System Time

Internet Connections

- Connection Control
- WAN Backup

WAN Type

- Static
- DHCP
- 3G
- L2TP
- PPTP
- PPPoE

IP Routing

- ICMP
- RIP v1 & RIP v2
- Static Routing

NAT

- DMZ Host
- One-to-Many NAT
- VPN Pass-through
- PAT/NAPT
- Virtual Computer
- Virtual Server

Security

- CGI-based authentication
- MAC control
- HTTP-based Authentication Login Password

UI & Management

- Administration Idle Timeout
- UPnP
- Browser-based Interface
- Email Alert
- Firmware Upgrade
- Remote Administration
- SNMP
- Syslog

Dimensions

- 129.1 * 124.3 * 32 mm

Weight

- 0.5 Kg

Compliance

- CE, FCC, UL, C-Tick

Operating Environment

- Temperature: 0 to 50°C
- Humidity: 20 to 95% (non-condensing)

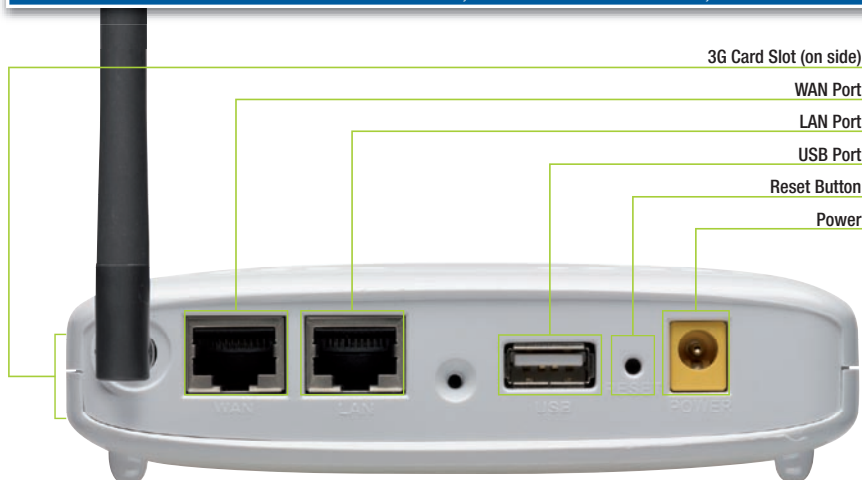
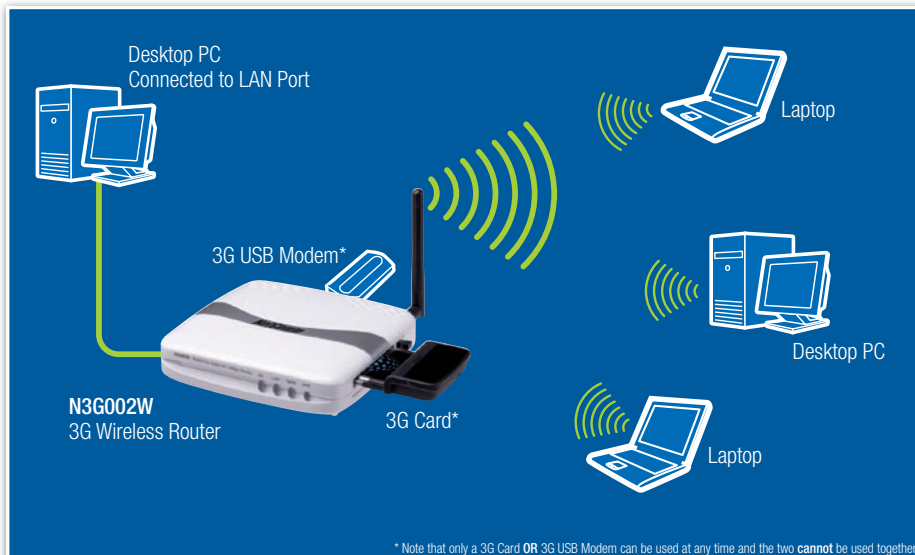
Unleash the power of your 3G/Next G PCMCIA, PC Express Card or 3G/Next G USB Modem to set up a wireless network wherever you need it.

The **NetComm N3G002W 3G Wireless Router** allows you to share your 3G service with any wireless enabled desktop or laptop computer. Using your 3G Card or 3G USB Modem you can now set up a wireless network to share internet access in areas where previously unavailable. Remote offices can use a single 3G connection to create a wireless network that can be shared between all users without having to constantly swap the card between multiple computers.

Simply plug a 3G card or 3G USB Modem into the N3G002W and you're on your way to creating your network. After a simple set-up process with the built in web based configuration you're ready to share your internet access.

The N3G002W protects devices on your network by employing an advanced SPI Firewall with the added safety of WEP, WPA or WPA2 for Wireless security. The N3G002W also has security for users who need to connect to a remote office using a VPN connection with support for VPN pass-through for PPTP, L2TP and IP Sec Tunnels.

- **Robust built-in Firewall to protect your privacy**
- **VPN pass-through support (PPTP, L2TP and IPSEC)**
- **Browser based interface for configuration and management**
- **Compatible with UMTS/HSDPA/EV-DO/3G/Next G/PCMCIA Cards and USB 3G/Next G™ Modems**
- **Feature rich routing functions**



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