NetComm N3G001W
Portable 802.11g Wireless Router with 3G PC Card Slot

www.netcomm.com.au

KEY FEATURES

⊘	Easy to setup: Web based configuration
⊘	10/100Mps WAN interface to connect with DSL or cable modem for broadband Internet access
⊘	Compatible with UMTS/HSDPA/EV-DO 3G PCMCIA Cards
⊘	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 to protect your Intranet.
⊘	VPN support: pass through of PPTP, L2TP, and IPSec
⊘	Easy to manage: using Web or UPnP utility for system management

The **NetComm N3G001W** is a 1-LAN-port/1-WAN-port broadband router with 3G PC card slot. It supports NAT, routing, firewall, and more. 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.

LED Indicator

LED	Function	Color	Status	Description
M1	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

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 – 1x 10/100 BaseT ports
- LED - M1/WAN/LAN/Wi-Fi
- Reset Button
- 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
- America/FCC: 2.412~2.462GHz (11 Channels)
- Japan/TELEC: 2.412~2.484GHz (14 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
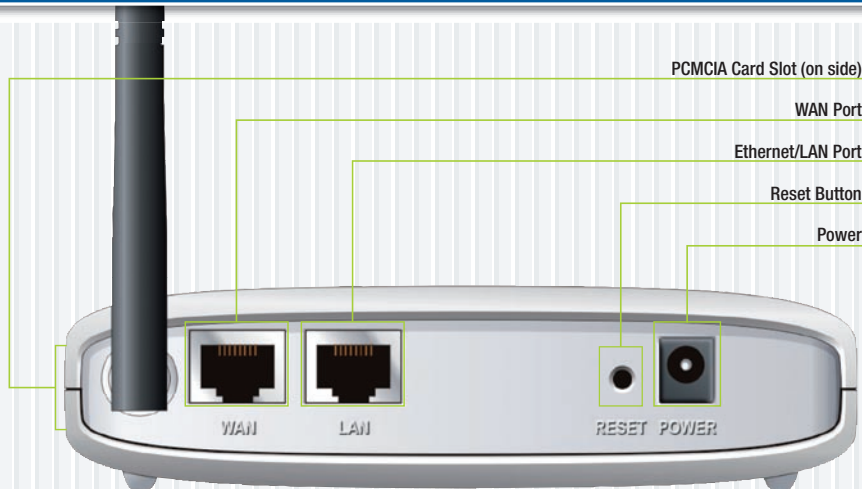- Humidity: 20 to 95% (non-condensing)

Unleash the power of your 3G PCMCIA Card to set up a wireless network wherever you need it.

The **NetComm N3G001W 3G Wireless Router** allows you to share your 3G service with any wireless enabled desktop or laptop computers. Using your 3G PCMCIA Card 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 PCMCIA card into the N3G001W and you're on your way to creating your network. After a simple set-up process with the built in web based configuration and management tool you're ready to share your internet access.

The N3G001W provides multiple protection measures. The Router provides wireless LAN 64/128-bit WEP encryption security, and WPA/WPA2 and WPA-PSK/WPA2-PSK authentication and TKIP/AES encryption security. It also supports VPN pass-through for sensitive data secure transmission.

- 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 PCMCIA Cards
- Feature rich routing functions

Desktop PC
Connected to LAN Port

Laptop

3G Card

Desktop PC

N3G001W
3G Wireless Router

Laptop

PCMCIA Card Slot (on side)

WAN Port

Ethernet/LAN Port

Reset Button

Power

WAN   LAN   RESET POWER

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