

3G

54mbps

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



KEY FEATURES

- | | |
|---|---|
| ⊕ | WAN Port for 3G backup from ADSL / Cable / ISDN /Other Internet service |
| ⊕ | LAN interface for wired connections to your PC or Laptop |
| ⊕ | Compatible with UMTS/HSDPA/EV-DO/3G/Next G USB Modems (See website for full list) |
| ⊕ | 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 |

The NetComm N3G005W provides a simple solution for sharing a 3G wireless broadband connection. Simply plug a 3G USB dongle into the N3G005W and you've got access to the Internet that you can share with all wired and wireless enabled devices.

Featuring a WAN port, the N3G005W can also be connected to a cable or ADSL Internet connection providing the user with the added flexibility and security of a constant connection. Use the 3G connection as a failover for your ADSL connection and ensure that your Internet dependent activities are always online.

The N3G005W is compatible with many 3G USB modems available in Australia adding to the versatility of this product. Rather than being restricted to certain USB modems, the N3G005W allows the user to choose what they want to connect with and even have the ability to change connections between different 3G ISP's.

The N3G005W also comes included with advanced security features such as VPN pass-through, extensive wireless security and a built in firewall.

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 - 3G/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/WPA2
- MAC address filtering

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)

Power Rating

- 5VDC 3amps

Unleash the power of your 3G/Next G USB Modem to set up a wireless network wherever you need it.

The NetComm N3G005W 3G Wireless Router allows you to share your 3G service with any wireless enabled desktop or laptop computer. Using your 3G USB Modem you can now set up a wireless network to share. 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 USB Modem into the N3G005W 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 N3G005W protects devices on your network by employing an advanced SPI Firewall with the added safety of WEP, WPA or WPA2 for Wireless security. The N3G005W 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 IPSec 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 USB 3G/Next G™ Modems
- Feature rich routing functions

CONNECTION DIAGRAM

