

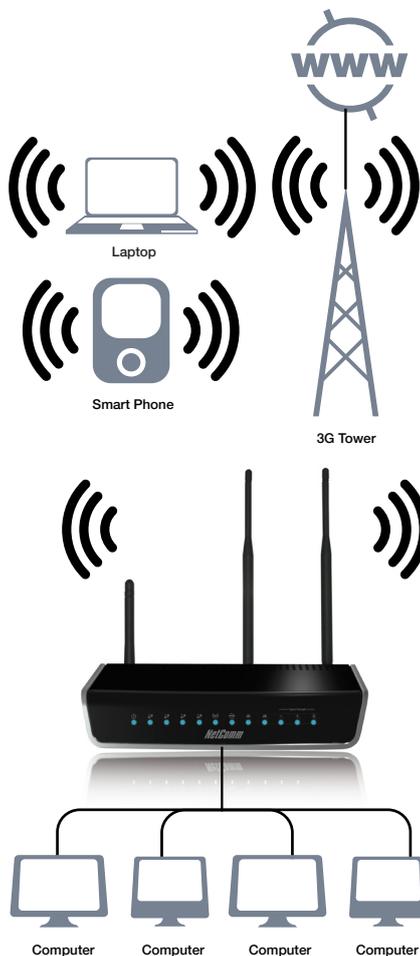
3G WiFi Router



KEY FEATURES

- Ⓢ Wireless router with built-in multi-mode 3G/Next G™ modem and 4 network ports
- Ⓢ Dual antenna diversity for optimal cellular reception
- Ⓢ Connects to the Internet via the 3G/Next G™ mobile broadband network
- Ⓢ Shares a single 3G mobile broadband connection with 4 wired and multiple wireless-enabled devices such as laptops, PCs, iPads and smart phones
- Ⓢ Creates your personal WiFi zone for convenient wireless Internet access
- Ⓢ Provides download speeds of up to 7.2 Mbps (HSDPA) and 5.76 Mbps upload (HSUPA)²
- Ⓢ Wide coverage through tri-band HSDPA/HSUPA/UMTS (850/1900/2100 MHz) and quad-band EDGE/GPRS/GSM (850/900/1800/1900 MHz)
- Ⓢ Firewall and advanced wireless encryption - WPA2/WPA
- Ⓢ Simple user-friendly setup and configuration interface

Model Code/ Part Number	Description	APN Code
3G19W-AU	NetComm 3G WiFi Router	9317773014501



Compact and Portable - Wireless Internet For Office and Home.

The Netcomm 3G19W creates a secure wireless network, providing Internet access by using the 3G/Next G™ network. Simply connect the 3G19W to an electrical power outlet, insert an active SIM card of your mobile broadband provider and get access to a 3G/HSPA Internet connection within seconds.

Connect up to four devices via the network ports and multiple wireless-enabled devices such as laptops, iPads, home cinema systems and gaming consoles. The built-in Wireless access point provides W-LAN data speeds up to 54 Mbps¹.

The NetComm 3G19W is ideal for mobile businesses, temporary office setups and for home users who don't want a fixed line connection.

- 1 Maximum wireless signal rate and coverage values are derived from IEEE Standard 802.11g and 802.11n specifications. Actual wireless speed and coverage are dependent on network and environmental conditions included but not limited to volume of network traffic, building materials and construction/layout.
- 2 Speeds are dependent on network conditions and coverage. See coverage maps of your carrier or mobile service provider for more details.

TECHNICAL SPECIFICATIONS

HARDWARE

- 11x LEDs – Power, LAN, WiFi, Internet, 3G/2G, Signal Strength
- 4x LAN Ports (RJ-45 10/100 Ethernet)
- 2x Cellular Antenna Ports (SMA-M)
- 1x WiFi Antenna Port (SMA-F)
- 2x Buttons: Power On/Off, Reset

3G/2G WAN SPECIFICATIONS

MULTI-MODE MODEM

- Sierra Wireless MC8790
- Qualcomm MSM6290™ chipset
- Complies with the 3GPP Release 5 and Release 6 UMTS Specification

NETWORK SUPPORT

- 3G/UMTS Tri-band: 850/1900/2100 MHz
- 2G/GSM Quad-band: 850/900/1800/1900 MHz

DATA RATE

- HSDPA Category 8 (up to 7.2 Mbps downlink)¹
- HSUPA Category 6 (up to 5.76 Mbps downlink)¹
- EDGE/GPRS Multi Slot Class 12 (up to 236 Kbps)¹

ANTENNA DIVERSITY

- 2x Cellular Antennas (Main, Rx Div)
- Receive Diversity 850/2100 MHz

WIRELESS LAN SPECIFICATIONS

FREQUENCY BAND

- 2.400–2.484 GHz

ANTENNA

- 1x WiFi Antenna (1T/1R)

WIRELESS STANDARDS

- IEEE 802.11g
- IEEE 802.11b

WIRELESS SECURITY

- WEP 64/128-bit Wired Equivalent Privacy
- WPA/WPA2 Wi-Fi Protected Access
- IEEE 802.1x Authentication
- MAC Address Filtering

CHANNELS

- 11 Channels (US, Canada)
- 13 Channels (Europe, Australia)

NETWORK SUPPORT

ROUTING

- Static Route
- NAT /PAT – Network/Port Address Translation
- DMZ
- DHCP Client/Server/Relay
- DNS Proxy
- Dynamic DNS

FIREWALL

- MAC/IP Address/Port Filtering
- Stateful Packet Inspection (SPI)
- Packet filtering
- Denial of Service Protection (DoS)

AUTHENTICATION PROTOCOLS

- PAP, CHAP

VPN

- VPN Pass-through (IPsec/PPTP/L2TP)

SYSTEM MANAGEMENT

- Configuration via Web Browser (HTTP)
- Configuration Backup and Restoration
- Firmware Upgrade via HTTP, TFTP client/server or FTP server
- SNMP / SNTp (Time Zone)/ Telnet

ENVIRONMENTAL AND PHYSICAL

- Operating Temperature: 0 ~ 50 °C
- Relative Humidity: 5 ~ 90% (non-condensing)
- Dimensions: 215 mm (L) x 37 mm (W) x 145 mm (H)
- DC Input Voltage: 12 V/ 1.5 A

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