

ADSL2+ HSPA WiFi Modem Router

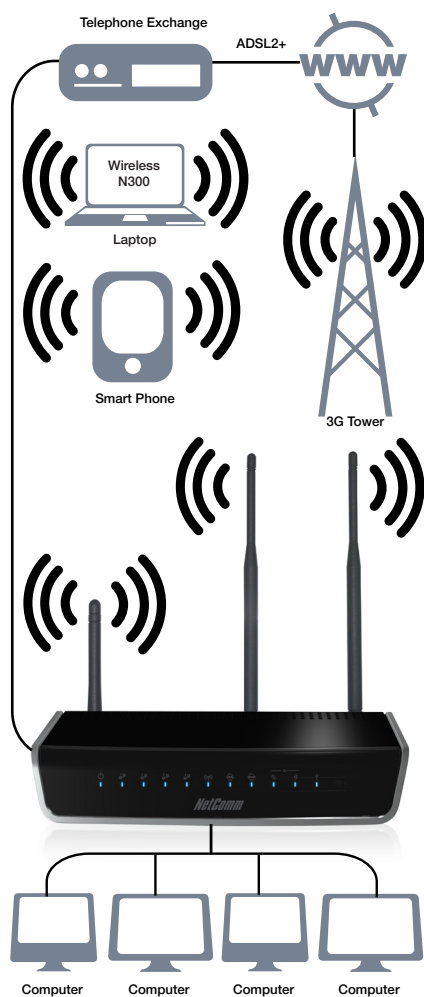


KEY FEATURES

- ④ Dual Internet connectivity - ADSL and HSPA 3G
- ④ Automatic failover from ADSL to 3G to ensure you are always online
- ④ HSPA Module
- ④ 3G speeds: 7.2Mbps down / 5.76Mbps up
- ④ ADSL2+ speeds: 24Mbps down / 2Mbps up
- ④ 4 x 10/100 Ethernet ports for multiple wired connection
- ④ 802.11n 300Mbps Wireless for high speed sharing (1 x internal, 1 x external WiFi antenna)
- ④ 2 x 3G antennas (removable SMA-male)
- ④ 1 x USB 2.0 host port (print server / storage server)

Model Code/ Part Number	Description	APN Code
3G12W-I	ADSL2+ HSPA WiFi Modem Router	9317773014488

ADSL2+ HSPA WiFi Modem Router



A flexible and reliable connection for Internet critical users and applications

The NetComm 3G12W-I ADSL2+ HSPA WiFi Modem Router is designed for business and home users that rely on a constant and reliable high speed Internet connection.

By integrating an ADSL2+ and HSPA (3G) modem into one device, users will have the flexibility to decide how they connect to the Internet. Featuring automatic failover, the router will automatically connect to 3G should the ADSL connection fail, providing users with a constant and reliable connection to the Internet. This flexibility is a necessity for any business or personal user who engages in Internet critical activities.

Both connection methods will allow you to share the Internet among multiple users with a built-in wireless N300 access point and four Ethernet ports for wired connections.

The USB port can be used to connect and share a printer or a storage device making it a true office in a box solution

Ideal For

- Users that have access to both connection options
- Internet dependent users and businesses
- The mobile workforce - provides workers remote high-speed access to large volumes of data, emails, Internet and business applications on the move
- Temporary office sites and setups
- Outdoor events and functions
- Both home and holiday connectivity.
- Designed to allow SME and home users to enjoy the freedom of secure, high-speed-Internet connectivity anywhere – anytime!

TECHNICAL SPECIFICATIONS

WAN INTERFACE

- 3G x 1 • ADSL2+

ADSL

- G.992.5 (ADSL2+) • G.992.3 (ADSL2)
- G.992.1 • G.992.2 • ANSI T.413 Issue 2 • ATM QoS (UBR, CBR, VBR) • Multiple PVCs (up to 8 supported)
- F4/F5 OAM Loop-backs / Send & Receive • AAL ATM Attributes - AAL5 • ATM UNI support: UNI3.1/4.0

ADSL ENCAPSULATION SUPPORT

- PPPoE (RFC2516) • RFC 2684 (RFC 1483) Bridge
- PPPoA (RFC2364) • RFC 2684 (RFC 1483) Route
- Classical IP over ATM (RFC1577)

LAN INTERFACE

- Ethernet x 4

WLAN

- MAC Address Filtering, WEP, WPA, IEEE 802.1X
- 10, 25, 50, 100mW @ 22MHz channel bandwidth Output power level can be selected according to the environment

Standard

- IEEE802.11n, backward compatible with 802.11g/b

Encryption

- 64, 128-bit Wired Equivalent Privacy (WEP) Data Encryption

Channels

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

WLAN Data Rate

- Up to 300Mbps

3G WAN INTERFACE

PPP

- Yes

Standard

- Comply with the 3GPP release 5 UMTS specification

Band

- Support Quad-band GSM/GRPS (850 / 900/1800/1900 MHz)
- Support tri-band UTMS/HSDPA/HSUPA (850/1900/2100 MHz)

Data Rate*

- HSUPA (up to 5.76 Mbps uplink)
- HSDPA and UMTS (up to 7.2 Mbps downlink)
- EDGE / GPRS / GSM (up to 247 Kbps)

Antenna Type

- Removable 3G antenna
- Removable 11n WiFi Antenna

MANAGEMENT

- SNMP, SNMP, Telnet, Web-based management, Configuration backup and restoration
- Firmware upgrade via HTTP, TFTP client and server, or FTP server

ROUTING FUNCTIONS

- Static route, NAT/PAT, DMZ, DHCP Client/Server/Relay, DNS Proxy, DDNS

SECURITY FUNCTIONS

- Stateful Packet Inspection, Packet filtering, Denial Of Service protection, Management

Authentication protocols

- PAP, CHAP

VPN

- PPTP/L2TP/IpSec pass-through

LED

- Power, LAN 1-4, WLAN, ADSL2+, Internet, 3G/2G, Signal Strength, USB

POWER

- External power adapter
- 100-240VAC to 12VDC /1.5A

ENVIRONMENTAL CONDITIONS

Operating temperature

- 0 ~ 50 degrees Celsius

Relative humidity

- 5 ~ 90% (non-condensing)

DIMENSIONS

- 215 mm (W) x 38 mm (H) x 145 mm (D)

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