

ADSL

Primary  
connection

3G

Alternate  
connection

N

300Mbps

USB

Mass storage  
Print Server



## KEY FEATURES

ⓘ	Fully featured ADSL2+ Modem Router
ⓘ	USB port for alternative connection to the Internet via a 3G USB Modem
ⓘ	Supports auto Internet failover from ADSL to 3G
ⓘ	USB port can also be used to connect printers and storage devices to network and share the capabilities of these devices
ⓘ	Connect a USB hub and utilise 3G, Mass storage and print server functionality simultaneously
ⓘ	Wireless N access point – high speed wireless up to 300Mbps <sup>1</sup>
ⓘ	2 Transmit and 2 Receive antennas (1 External / 1 Internal)
ⓘ	4 LAN ports for multiple wired connections
ⓘ	Browser based interface for configuration and management: OS independent and easy to use
ⓘ	Full wireless security - WEP, WPA, WPA2

Model Code/ Part Number	Description	APN Code
3G15Wn	NetComm Velocity Series ADSL2+/3G Wireless Router	9317773013801

### TECHNICAL SPECIFICATIONS

#### HARDWARE INTERFACE

- RJ-11 X1 for ADSL,
- RJ-45 X 4 for LAN,
- USB Host/Device,
- Reset button X 1,
- Power switch X 1,
- Wi-Fi Antenna X 2 (External Antenna x1, Internal Antenna x1)

#### WAN INTERFACE

- ADSL standard: ITU-T G.992.5, ITU-T G.992.3, ITU-T G.992.1, ANSI T1.413 Issue 2
- G.992.5 (ADSL2+) Downstream : 24 Mbps  
Upstream : 1.3 Mbps
- 3G (USB)

#### LAN INTERFACE

- Standard: IEEE 802.3, IEEE 802.3u
- 4 x 10/100 BaseT auto sensing ports

#### WLAN INTERFACE

- Standard: Draft-802.11n, backward compatible with 802.11b/g
- Encryption: 64, 128-bit Wired Equivalent Privacy (WEP) data encryption
- Channels: 13 Channels (Australia)
- Data rate: Up to 300Mbps
- WPA/WPA2 and IEEE 802.1x
- WDS (Wireless Distribution System)

#### MANAGEMENT

- SNMP, Telnet, Web-based management, Configuration backup and restoration
- Software upgrade via HTTP, TFTP server, or FTP server
- Supports TR-069/TR-098/TR-111 for Remote Management

#### ROUTING FUNCTIONS

- Static route, RIP, and RIPv2, NAT/PAT, DHCP server/DHCP relay, DNS proxy, ARP

#### SECURITY FUNCTIONS

- Authentication protocols: PAP, CHAP
- TCP/IP/Port filtering rules, port triggering/Forwarding, packet and MAC address filtering, access control, SSH

#### QOS

- Layer 3 policy-based QoS, IP QoS, ToS

#### POWER SUPPLY

- External power adapter: 100-240Vac/50~60Hz, 12VDC /1.5A

#### ENVIRONMENT CONDITION

- Operating temperature: 0 ~ 50 degrees Celsius
- Relative humidity: 5 ~ 90% (non-condensing)

#### DIMENSIONS

- 205 mm (W) x 47 mm (H) x 145 mm (D)

The feature packed 3G15Wn integrates ADSL2+, 3G, wireless N and 4 Ethernet ports into one compact unit.

The 3G15Wn gives you the flexibility to decide how you connect to the Internet. It has an ADSL2+ port for a fixed line connection and also includes a USB port that can connect to a 3G USB modem. The 3G15Wn uses ADSL as its primary connection to the Internet if both options are available; however should the ADSL connection fail for any given reason, then the 3G15Wn will automatically revert to 3G to provide an Internet connection. We call this automatic failover.

The USB port can also be used to connect a printer or storage device which will allow you to share the device with everyone on your network. All users who are connected to the 3G15Wn will be able to access the connected device as though it was connected directly to their PC.

If you connect a USB hub to the 3G15Wn you are able to access 3G, mass storage and print server functionality simultaneously. Access files from your hard drive and send jobs to a printer all whilst connected to 3G.

With all the above mentioned functionality, sharing it with multiple users is not a problem with the 3G15Wn. With high speed wireless N, you can connect at speeds never before experienced over far greater range. Add to that the built-in 4 port Ethernet switch for wired connections and you have all bases covered.

The 3G15Wn is also packed with advanced features that will enhance the performance of your device and improve the all round experience you get during use. Advanced wireless security to ensure your network integrity, WMM (Wi-Fi Multimedia) so you can prioritise and control your bandwidth and TR-069 for remote configuration are just some of the features that come included with the 3G15Wn

### CONNECTION DIAGRAM

