

# *NetComm*® NETCOMM VELOCITY™ SERIES Wireless N150 Router



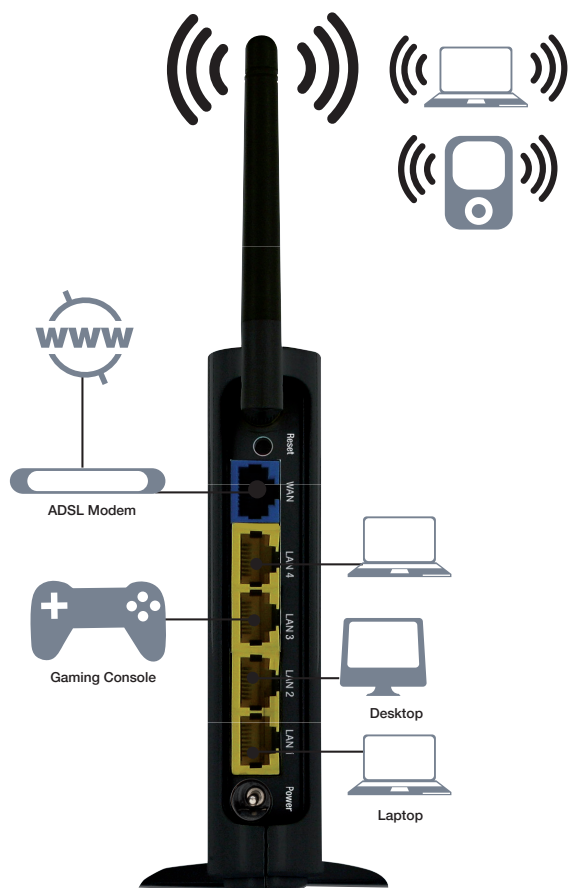
## KEY FEATURES

- ④ 802.11n compliant for state-of-the-art wireless up to 150Mbps<sup>1</sup>
- ④ Greatly increase your wireless network speed, reliability and coverage
- ④ Easy set-up and management with an intuitive web based interface
- ④ 4 Ethernet ports for wired connections
- ④ Works with all major operating systems, no software required
- ④ Built in Firewall provides security and peace of mind

Model Code/ Part Number	Description	APN Code
NP803N	NetComm Velocity Series Wireless N150 Router	9317773013757

# NetComm® NETCOMM VELOCITY™ SERIES

## Wireless N150 Router



The NetComm Velocity Series has a model that is perfect for everyone. Simply attach a NetComm Velocity Series Wireless Router to your existing network to create a high speed Wireless N connection for all users to share. Also featuring four Ethernet ports for wired connections, enjoy the experience of a faster, more reliable and secure Internet connection.

The Wireless N150 Router (NP803n) is perfect for users that are looking for an entry level Wireless N product to boost their networks speed but do not require the highest level of throughput required for multimedia streaming and large file sharing. With one transmitting and one receiving antenna, the NP803n is compliant with the Wireless N standard and will provide a maximum wireless throughput of 150Mbps<sup>1</sup>.

You can quickly and easily create a network and share your high-speed Internet connection with multiple devices, and with 4 Ethernet ports you can also network multiple wired devices that can all share the one broadband connection and stream files to each other.

### Wireless N Technology

Enjoy wireless speeds of up to 150Mbps<sup>1</sup>, 3x faster than Wireless G technology

### 4 Ethernet Ports

Share your Internet connection with up to 4 wired devices

### Advanced Security

Wi-Fi Protected Access (WPA2) means your wireless network is protected at all times and the VPN pass through enables you to access your company's network through a remote and secure private network

### Web configuration

Set up & management is easy with a user friendly web interface

<sup>1</sup> Maximum wireless signal rate and coverage values are derived from IEEE Standard 802.11g and 802.11n Draft 2.0 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.

## TECHNICAL SPECIFICATIONS

### HARDWARE

- MCU – RT3050, 320MHz embedded RF/MAC/BBP
- Memory– 16MB SDRAM
- Flash: 4MB
- WPS (Wi-Fi Protected Setup)
- Device: 12V/1A

### Physical Interface:

- WAN: One 10/100 Fast Ethernet RJ-45
- LAN: Four 10/100 Fast Ethernet RJ-45 Reset Button, Power Jack

### SOFTWARE FEATURES

- Topology: Infrastructure
- Operation Mode: AP/Router

### LAN

- DHCP Server
- Static Routing Table
- UPNP

### WAN

- PPTP
- PPPoE
- Static IP
- DHCP Client
- Clone MAC

### Router

- NAT/ NAPT
- Static Routing
- DDNS

- Dynamic Route
- Virtual server mapping
- IP address mapping
- DNS Relay
- Port Forwarding
- Port Triggering
- Special application
- Time Zone(NTP client)
- ALG(Application Layer Gateway) support (RTP/RTSP, AOL, FTP, ICMP, WMP/MMS, NetMeeting, SIP)

### Firewall

- DoS(Blocking Ping, Port scan, Sync Flood)
- MAC / IP Filtering
- Blocking Ping
- ICMP Blocking
- SPI (Stateful Packet Inspection)
- DMZ (Demilitarized Zone) Host
- Policy Based Parental Controls
  - Port Range / Service Filtering
  - Internet Domain Restriction
  - Dynamic URL Filtering (OEM subscription service)

### VPN

- VPN pass-through (PPTP, L2TP, IPSEC) Wireless
- 64/128 bit WEP Encryption

- WPA/WPA2 Personal (WPA-PSK using TKIP or AES)
- WPA/WPA2 Enterprise (WPA-EAP using TKIP)
- 802.1x Authenticator
- Hide SSID in beacons
- WDS
- Wi-Fi Protection Setup (WPS)
- ACL control

### QoS

- WMM
- Application Base
  - Priority Queue
  - Bandwidth Allocation

### Management

- Configuration: Web-based configuration (HTTP)
- Firmware Upgrade: Upgrade firmware via web-browser
- Administrator Setting: Administrator password change
- Idle time out
- Reset Setting:Reboot Reset to Factory Default
- System monitoring: Speed and Bandwidth monitoring

### ENVIRONMENT & PHYSICAL

- Temperature Range: 0 to 45° C - Operating, -10 to 70° C - Storage
- Humidity (non-condensing): 15%-95% typical
- Dimensions: 125mm (L) x 98mm (W) x 25mm (H)



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