NetComm Velocity Series

NetComm®
www.netcomm.com.au

Wireless N 300 Router

N
300Mbps

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
❯ 802.11n Draft 2.0 compliant for state-of-the-art wireless up to 300Mbps[1]
❯ Greatly increase your wireless network speed, reliability and coverage
❯ Easy set-up and management with an intuitive web based interface
❯ 4 Ethernet ports for wired connections
❯ Works with all major operating systems, no software required
❯ Built in Firewall provides security and peace of mind

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 N 300 Router (NP804n) is perfect for those that require a robust router that will provide high wireless speeds for activities such as multimedia streaming, file sharing, watching YouTube and downloading files amongst multiple users. With two transmitting and two receiving antennas, the NP804n is compliant with the Wireless N standard (802.11n draft 2.0) and will provide a maximum wireless throughput of 300Mbps[1].

TECHNICAL SPECIFICATIONS

HARDWARE
- MCU – RT3052, 384MHz embedded RF/MAC/BBP
- Memory– 32MB SDRAM
- Flash: 4MB
- Physical Interface: WAN: One 10/100 Fast Ethernet RJ-45 LAN: Four 10/100 Fast Ethernet RJ-45 Reset Button, Power Jack
- WPS (Wi-Fi Protected Setup)
- Device: 12V/1A

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)

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.

11n Technology
Enjoy wireless speeds of up to 300Mbps1, 6x faster than 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

1   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.

CONNECTION DIAGRAM

Internet

ADSL Router

Laptop

Gaming Console

Desktop Computer

Laptop