



KEY FEATURES

- Quick Setup Wizard is supported and friendly help messages are provided for every step, so you can configure it quickly and easily
- Complies with IEEE 802.11g, IEEE 802.11b, IEEE 802.3, IEEE 802.3u standards
- 1 x 10/100M Auto-Negotiation RJ45 WAN port, 4 x 10/100M Auto-Negotiation RJ45 LAN ports
- Supports Auto MDI/MDIX
- Shares data and Internet access for users, supporting PPPoE, Dynamic IP, Static IP, L2TP, BigPond Cable Internet access

Extend/create a wireless network with this powerful 54Mbps Wireless Router.

The **NetComm NB504 54Mbps Wireless Router** integrates a firewall, NAT-router, Wireless AP and is designed to be a dedicated Small Office/Home Office (SOHO) Wireless network solution. Available separately or in a handy bundle with the NP545 Wireless USB Adapter you will be able to connect your network wirelessly better than ever, sharing Internet Access and connecting computers, easily and securely.

The NB504 provides multiple protection measures. It can be set to turn off wireless network name (SSID) broadcast so that only stations that have the SSID can be connected. The Router provides wireless LAN 64/128/152-bit WEP encryption security, and WPA/WPA2 and WPA-PSK/WPA2-PSK authentication and TKIP/AES encryption security. It also supports VPN pass-through for sensitive data secure transmission.

TECHNICAL SPECIFICATIONS

PROTOCOLS AND STANDARDS

- IEEE 802.11g
- IEEE 802.11b
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.1x
- CSMA/CA
- CSMA/CD
- TCP/IP
- DHCP
- ICMP
- NAT
- PPPoE

PORTS

LAN

- 4x10/100M Auto MDI/MDIX RJ45 ports

WAN

- 1x10/100M Auto MDI/MDIX RJ45 port

WIRELESS PARAMETERS

Frequency Band

- 2.4-2.4835GHz

Data Transfer Rates

- 11g: 54/48/36/24/18/12/9/6M (Auto-Sense)
- 11b: 11/5.5/3/2/1M (Auto-Sense)

Channel

- 1-13 (Australia)

Extend Frequency

- DSSS

Modulation

- BPSK
- QPSK
- CCK
- OFDM (BPSK/QPSK/16-QAM/ 64-QAM)

Transmission Distance

- Indoor up to 100m, outdoor up to 300m (Dependent on environment).

RF Power

- 17dBm (Typical)

Network Media

- 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m)
- EIA/TIA-568 100Ω STP (maximum 100m)
- 100BASE-TX: UTP category 5, 5e cable (maximum 100m)
- EIA/TIA-568 100Ω STP (maximum 100m)

LED INDICATORS

- WAN 1, 2, 3, 4
- POWER
- SYSTEM
- WLAN

POWER

- AC power adapter: 9V~ 0.8A
- Consumption: 7W (Max)

SAFETY & EMISSION

- C-Tick
- CE

DIMENSIONS (W X D X H)

- 174 mm x 111 mm x 30 mm

ENVIRONMENT

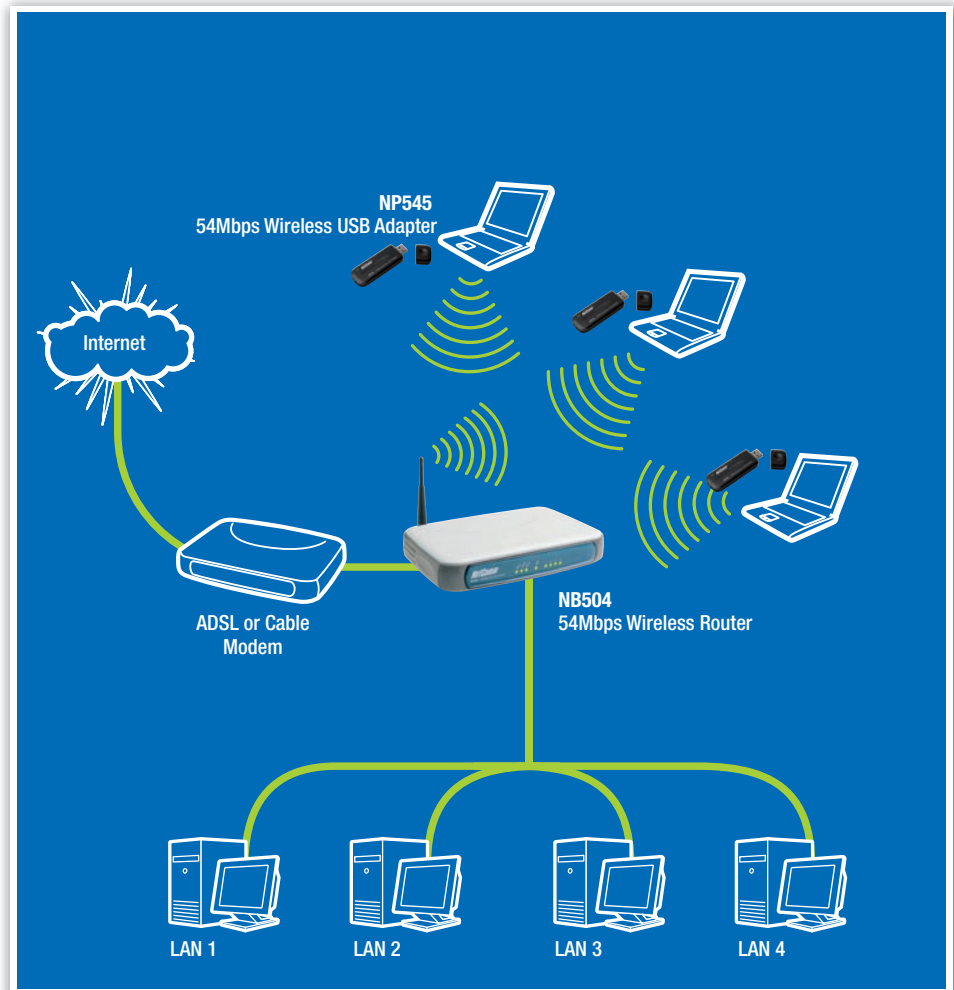
- Operating Temperature: 0o~40oC (32o~104oC);
- Storage Temperature: -40o~70oF (-40o~158oF)
- Operating Humidity: 10%~90% non-condensing;
- Storage Humidity: 5%~95% non-condensing

OTHER

- Provides wireless LAN ACL (Access Control List) filtering
- Supports UPnP, Dynamic DNS, Static Routing, VPN pass-through
- Supports Flow Statistics
- Supports ICMP-FLOOD, UDP-FLOOD, TCP-SYN-FLOOD filter
- Ignores Ping packets from WAN or LAN ports
- Supports firmware upgrade

- Provides 64/128/152-bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK authentication and TKIP/AES Wireless encryption security
- Built-in NAT and DHCP server supporting static IP address distribution via MAC Address
- Supports Virtual Server, Special Application and DMZ Host
- Supports Remote and Local Management via Web Browser

Connection Diagram



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