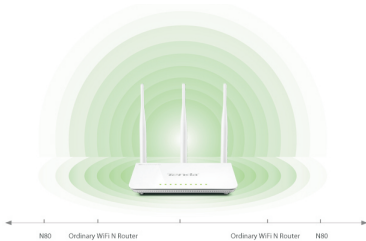# Tenda®

Incredibly Fast Network for HD Media and gaming on PCs, Tablets, TVs and Smartphones

Wireless N900 Concurrent Dual Band Gigabit Router

What It Does

The Tenda N80 Concurrent Dual Band Wireless N900 Gigabit Router delivers incredible performance and coverage range. It increases Wi-Fi speed for both 5 GHz and 2.4 GHz transmission by 50% up to 900Mbps that makes it ideal for bandwidth demanding tasks such as 3D HD video steaming, multiplayer gaming, USB hard drive file sharing, and USB connected printer sharing. Also, four gigabit Ethernet ports offer blazing fast wired connectivity, 10X faster than standard Ethernet. With full 3x3 MIMO technology, the N80 is perfect for larger, multi-level homes and buildings with signal range that reaches virtually any area. What's more, whether you're a tech-savvy enthusiast or a first-time user, the N80 also provides an exceptionally easy and intuitive utility interface, which allows you to make your network installed and running out of box.

Superior Wireless Coverage

With full 3x3 MIMO and dual band technology, the N80 provides a wireless operation range up to eight times farther than the ordinary wireless n devices, reduces dead spot, and avoid signal interference, enabling you to enjoy wireless connectivity throughout your home.

The Power of Dual Band

The N80 uses dual band technology to support 2.4GHz & 5GHz wireless signals at the same time. This allows you to check e-mail and browse the Internet using the 2.4GHz band while simultaneously streaming High-Definition (HD) movies and other media on the 5GHz band. Dual band technology also helps to avoid network interferences and double bandwidth for faster and more stable wireless transmission.

Easy Sharing and Wireless Printing through USB Port

With a USB 2.0 port, users within the local network can easily share files and media from a USB storage device attached to the router. Also, by connecting a print server to the device, you can print any files or photos from your computer wirelessly.

Guest Network

The device supports multiple SSIDs which enable you to create different wireless networks with different access right. So you can assign a particular network (SSID) for your visiting guests while restricting their access to your Intranet, thus protect your data privacy and security.
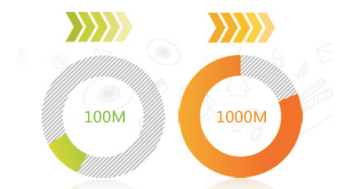
IPTV Service

Supporting IPTV feature, the N80 enables you to enjoy online videos on your TV set via a set-top box while surfing Internet and other online activities simultaneously

Ultra-Fast Wired Connectivity

With four Gigabit Ethernet ports, it provides 10 times of 10/100 device for streaming media, big files transfer and gaming.

Main Features

- Combined speed up to 900Mbps (450+450Mbps) over 2.4GHz &5 GHz

- Streaming and lag-free HD media experience

- Easy security setup at a push of the WPS button
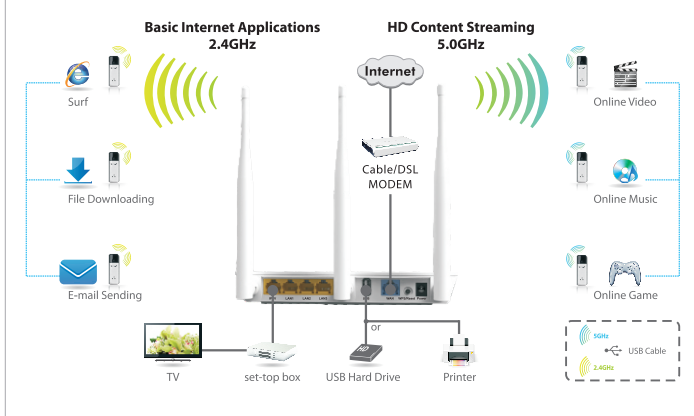
- USB port for storage or printing sharing

System Requirements

- Microsoft IE, FireFOX, or Safari browser

- CD-ROM drive

- Network adapter

Specification

Hardware Features

Standards	2.4GHz: IEEE802.11 n/g/b 5.0GHz: IEEE 802.11 n/a, IEEE802.3, IEEE802.3u, IEEE802.3ab
Interface	1*10/100/1000M WAN port; 3*10/100/1000M LAN ports; 1*10/100/1000M IPTV port (function as a LAN port with IPTV disabled); 1*USB 2.0 port.
Antenna	3* 5dBi external omni-directional antennas
Button	1*WPS/Reset button
Power	Input: AC 100-240V ~ 50/60Hz 0.3A; Output: DC 12V 1.5A.
Dimensions (L*W*H)	190mm*122mm*33mm
LED	1* Power/Sys 1* WPS 1* 5G 1* 2.4G 1* WAN 1* USB 3*LAN 1* IPTV

Wireless Features

Wireless Speed	2.4G: 450Mbps; 5G: 450Mbps.
Frequency	Works over 2.4G and 5G concurrently
Basic Features	Wireless : Enable/Disable; SSID Broadcast: Enable/Disable; Band: 2.4GHz, 5GHz; Channel-2.4GHz: 1-13; Channel-5GHz: 149, 153, 157, 161, 165; Network Mode-2.4GHz: 11b/g/n mixed (default mode),11b/g mixed, 11b, 11g; Network Mode-5GHz: 11a/n mixed (default mode),11a;
Security	Wireless MAC Address Filter (Wireless Access Control); WEP, WPA-PSK/WPA2-PSK, WPA/WPA2; Wireless Security: Enable/Disable; WPS fast encryption.

Software Features

Internet Connection Type	PPPoE; Dynamic IP; Static IP.
Operating Mode	Wireless Router Mode; Wireless AP Mode WDS Mode.
DHCP Server	DHCP Server; DHCP Client List; DHCP Reservation.
Virtual Server	Port Forwarding; DMZ Host; UPnP.
Security	Client Filter MAC Filter Website Filter Remote Web Management
DDNS	Yes
VPN Pass-through	Yes
Others	Bandwidth control; USB Sharable: storage & printing IPTV capable; Guest Network Access; MAC Clone; Traffic Statistics; Backup & Restore configurations

Others

Package Contents	N80 Power Adapter Ethernet Cable Quick Install Guide Resource CD
Temperature	Operating Temperature: 0℃ ~ 40℃; Storage Temperature: -40℃ ~ 70℃.
Humidity	Operating Humidity:10% ~ 90% RH non-condensing; Storage Humidity: 5% ~ 90%RH non-condensing.
Factory Default Settings	IP Address: 192.168.0.1 Login User name/Password: admin/admin
Certification	CE, FCC, RoHS
Related Products	W522U, W568R, N60

Applications

Basic Internet Applications 2.4GHz

HD Content Streaming 5.0GHz

Surf
File Downloading
E-mail Sending
TV
set-top box
USB Hard Drive
Printer
Online Video
Online Music
Online Game
USB Cable
Internet
Cable/DSL MODEM

N29533
Z1545

Dual Band | **Model:N80**
Wireless N900 Concurrent Dual Band Gigabit Router