TP-LINK®

300Mbps Wireless N Gigabit Router

TL-WR1043ND

⊙ Features：

- Wireless N speed up to 300Mbps makes it ideal for bandwidth consuming or interruption sensitive applications like video streaming, online gaming and VoIP

- All Gigabit ports ensure ultimate transfer speeds

- USB Port - Easily shares printers, files or media with your friends or family locally or over the Internet

- Easily setup a WPA encrypted secure connection at a push of the WPS button

- WDS wireless bridge provides seamless bridging to expand your wireless network

- IP based bandwidth control allows administrators to determine how much bandwidth is allotted to each PC

- Live Parental Control allows parents or administrators to establish restricted access policies for children or staff

- External detachable antennas allow for better alignment and stronger antenna upgrades

⊙ Description：

300Mbps Wireless N Gigabit Router TL-WR1043ND is a combined wired/wireless network connection device integrated with internet-sharing router and 4-port switch. It creates wireless network with incredibly high speeds of up to 300Mbps, which ensures that you are free to simultaneously enjoy multiple high-bandwidth consuming and interruption sensitive applications such as streaming HD video, making VoIP calls, sharing large files and playing online games. Specially, it is equipped with a USB storage port on the back of the router, via which you can easily share printers, files or media with your friends or family locally or over the Internet

◎ Specifications：

HARDWARE FEATURES	
External Power Supply	12VDC / 1.5A
Wireless Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Antenna	5dBi*3 Detachable Omni Directional (RP-SMA)
Dimensions (Wx Dx H)	8.9 x 5.6 x 1.2in. (225 x 141 x 30mm)
WIRELESS FEATURES	
Frequency	2.4-2.4835GHz
Signal Rate	11n: Up to 300Mbps(dynamic)
	11g: Up to 54Mbps(dynamic)
	11b: Up to 11Mbps(dynamic)
EIRP	<20dBm(EIRP)
Reception Sensitivity	270M: -68dBm@10% PER
	130M: -68dBm@10% PER
	108M: -68dBm@10% PER
	54M: -68dBm@10% PER
	11M: -85dBm@8% PER
	6M: -88dBm@10% PER
	1M: -90dBm@8% PER
Wireless Functions	Enable/Disable Wireless Radio, WDS Bridge, WMM, Wireless Statistics
Wireless	64/128/152-bit WEP, WPA / WPA2,WPA-PSK / WPA2-PSK
SOFTWARE FEATURES	
WAN Type	Dynamic IP/Static IP/PPPoE/ PPTP(Dual Access)/L2TP(Dual Access)/BigPond
DHCP	Server, Client, DHCP Client List, Address Reservation
Quality of Service	WMM, Bandwidth Control
Port Forwarding	Virtual Server,Port Triggering, UPnP, DMZ
Dynamic DNS	DynDns, Comexe, NO-IP
VPN Pass-Through	PPTP, L2TP, IPSec (ESP Head)
Access Control	Parental Control, Local Management Control, Host List, Access Scheule, Rule Management
Firewall Security	DoS, SPI Firewall
	IP Address Filter/MAC Address Filter/Domain Filter
	IP and MAC Address Binding
Management	Access Control
	Local Management
	Remote Management
USB port function	Support Storage Sharing, FTP Server, Media Server, Print Server

SOFTWARE FEATURES

Certification	CE, FCC, RoHS
System Requirements	Microsoft Windows 8/7/Vista/XP/2000, MAC OS, NetWare, UNIX or Linux.
Environment	Operating Temperature: 0℃~40℃ (32℉~104℉)
	Storage Temperature: -40℃~70℃ (-40℉~158℉)
	Operating Humidity: 10%~90% non-condensing
	Storage Humidity: 5%~90% non-condensing

◉ Diagram:

Wired

Internet

TD-8816
ADSL2+ Modem Router

TL-WN821N
300Mbps Wireless N USB Adapter

TL-WN951N
300Mbps Wireless N PCI Adapter

TL-WR1043ND
300Mbps Wireless N Gigabit Router

Printing documents or photos

Sharing files/photos/musics/videos
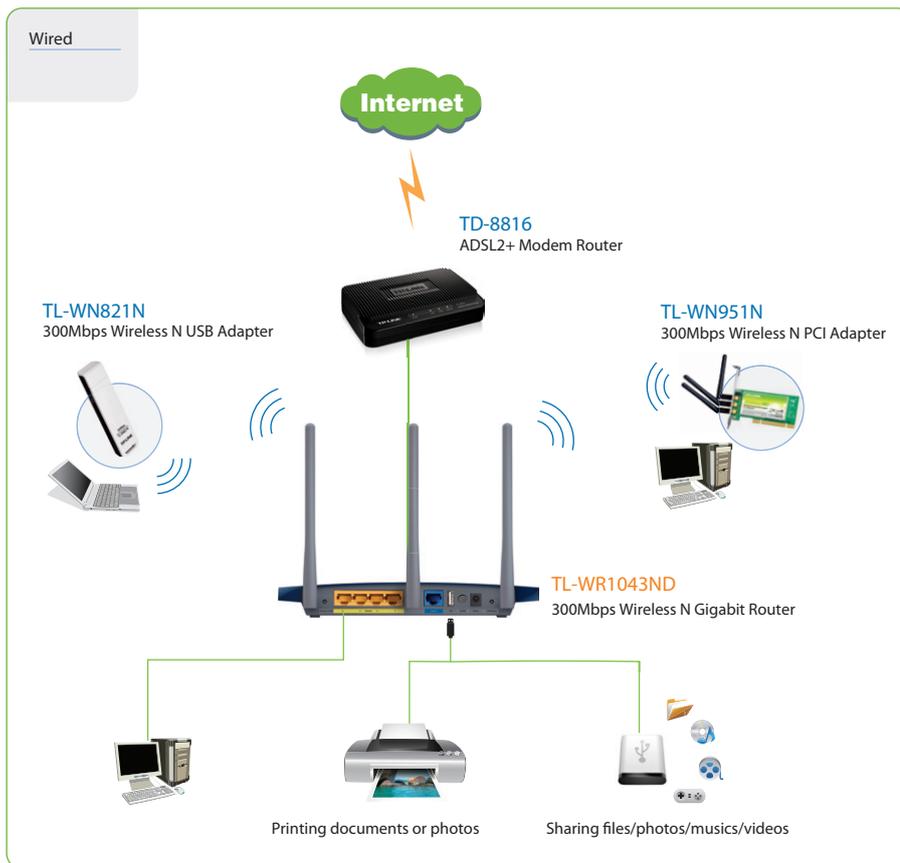
Package:

- 300Mbps Wireless N Gigabit Router
  TL-WR1043ND
- 3 detachable Omni directional antennas
- Power supply unit
- Resource CD
- Quick Installation Guide

Related Products:

- 300Mbps Wireless N USB Adapter
  TL-WN821N
- 300Mbps Wireless N PCI Adapter
  TL-WN951N
- ADSL2+ Modem Router
  TD-8816