TP-LINK®
The Reliable Choice

300Mbps
Wireless AP/Client Router
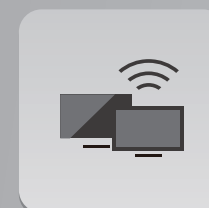## TL-WR843N

Highlights

· **300Mbps Wireless Speed**– Ideal for latency sensitive applications like HD video streaming

· **Wireless ISP function**– Provides the wireless Internet access in areas without wired ISP infrastructure

· **One Button Security**– Easily setup a WPA encrypted secure connection at a push of the WPS button

· **Multiple Operation Modes** – Provides three operation modes for multiple users to access the Internet: WISP, Router and Repeater

· **Guest Network** – Creates a separate network to share safely with others

· **Flexible Deployment** – Passive PoE provides flexible installation options in hard-to-wire locations

· **IPv6 Support**– Compatible with the more recent Internet Protocol version

300Mbps 2.4GHz	One Button Security	Guest Network	Passive PoE	IPv6

Features

Speed

300Mbps high transmission rates – Users can run bandwidth intensive devices including VoIP, HD streaming, or online gaming, without the lag.

Wi-Fi Range

Range – For small to medium homes

WDS Wireless Bridge – Provides seamless bridging to expand the wireless network

Reliability

IP QoS – Advanced QoS automatically recognizes & prioritizes streaming & gaming applications

Ease of Use

Wireless ISP (Client Router Mode)– TP-LINK's TL-WR843N is designed to be set in Client Router mode as its default wireless mode to support a WISP connection. Accesses the Internet wirelessly in areas with no wired infrastructure

Quick Setup – Simply helps all Windows, Mac and Linux users effortlessly configure their networks via browsers

Passive Power over Ethernet– Provides flexible installation options in hard-to-wire locations

Power On/Off – Convenient power saving

Security

Access Control – Guest Network Access provides secure Wi-Fi access for guests

Parental Control – Allows administrators to establish restricted access for children or staff

One Button Security – Easily set up an encrypted wireless connection at the press of the WPS buttonr all connected devices

Encryptions for Secure Network – WPA-PSK/WPA2-PSK encryptions provide active defense against security threats for user networks
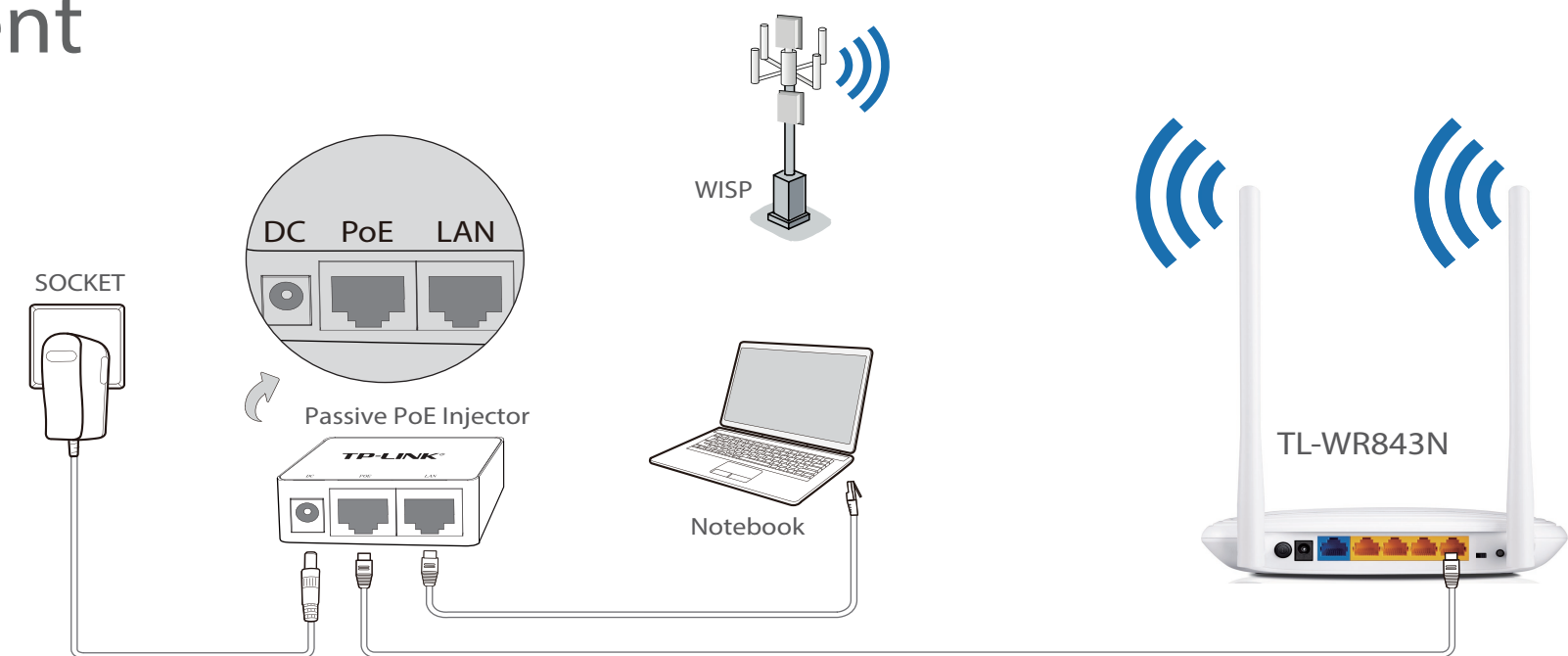
Advanced Functions

Client Router Mode – WISP Client

TP-LINK's TL-WR843N is designed to be set in Client Router mode as its default wireless mode to support a WISP connection. When it works as a WISP client device to access the Internet, local computers can connect to TL-WR843N via wireless or cables.

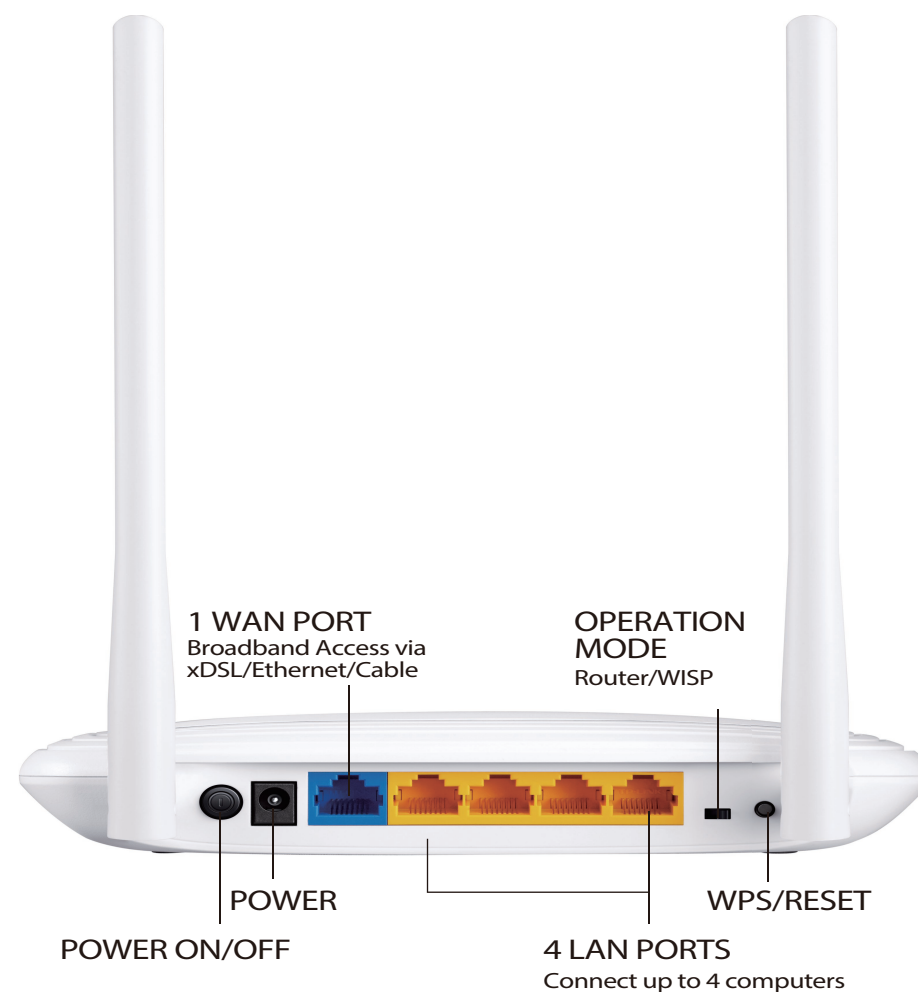## Passive PoE Support– Flexible Deployment

The TL-WR843N is equipped with a RJ-45 WAN port, which is designed to support Passive PoE. For users that require a better WISP signal and need to place the device at location without power outlets, such as an attic or garage, the TL-WR843N will fit the bill flawlessly with up to 30 meters Power over Ethernet capability. Users can easily have the most flexible deployment and don't have to be tethered to any outlets!

Specifications

Hardware

- **Ethernet Ports:** 4 10/100Mbps LAN Ports & 1 10/100Mbps WAN Port
- **Button:** WPS/Reset Button, Operation Mode Switch, Power On/Off Button
- **External Power Supply:** 9VDC / 0.85A
- **Dimensions (W x D x H):** 7.6 x 5.3 x 1.3 in.(192 x 134 x 33 mm)
- **Antenna:** 2* Omni Directional Antennas (RP-SMA)

1 WAN PORT
Broadband Access via
xDSL/Ethernet/Cable

OPERATION
MODE
Router/WISP

POWER

POWER ON/OFF

4 LAN PORTS
Connect up to 4 computers

WPS/RESET

Wireless

- **Wireless Standards:** IEEE 802.11n/g/b
- **Frequency:** 2.4-2.4835GHz
- **Signal Rate:** 11n: Up to 300Mbps(dynamic)
  11g: Up to 54Mbps(dynamic)
  11b: Up to 11Mbps(dynamic)
- **Transmit Power:** CE:<20dBm
  FCC:<30dBm
- **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 Modes:** Client Router / Router
- **Wireless Function:** Enable/Disable Wireless Radio, WDS Bridge, WMM, Wireless Statistics
- **Wireless Security:** 64/128/152-bit WEP / WPA / WPA2,WPA-PSK / WPA2-PSK
- **Guest Network:** 2.4GHz guest network × 1

Specifications

Software

- **WAN Type:** Dynamic IP/Static IP/PPPoE/PPTP/L2TP/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:** PPTP, L2TP, IPSec (ESP Head)
- **Access Control:** Parental Control, Local Management Control, Host List, Access Schedule, Rule Management
- **Firewall Security:** DoS, SPI Firewall, IP Address Filter/Domain Filter, IP and MAC Address Binding
- **Management:** Access Control, Local Management, Remote Management
- **Protocols:** Supports IPv4 and IPv6

Others

Package Contents

- TL-WR843N
- Power Adapter
- Passive PoE Power Injector
- Resource CD
- RJ-45 Ethernet Cable
- Quick Installation Guide

Certification

- CE, FCC, RoHS

System Requirements

- Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7, Windows 8/8.1/10, 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

Others

Similar Products

- 300Mbps Wireless N Router
  TL-WR840N

- 300Mbps Wireless N Router
  TL-WR841N

- 300Mbps Multi-Function
  Wireless N Router
  TL-WR842N

For more information, please visit

http://www.tplink.com/en/products/details/cat-9_TL-WR843N.html

or scan the QR code left

www.tp-link.com