



# 300Mbps

## 300Mbps Multi-Function Wireless N Router

TL-WR842N

### Highlights

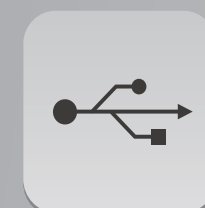
- **300Mbps Wireless Speed**– Ensures speedy, uninterrupted wireless coverage for home and office networking
- **Guest Network Access** – Provides secure Wi-Fi access for guests sharing your home or office network
- **Virtual Private Network (VPN)**– Up to 5 VPN tunnels enable remote VPN connections
- **Versatile USB Sharing**– The TL-WR842N's USB 2.0 configuration allows users to share data stored on USB storage or an FTP server
- **Tether App** – TP-LINK Tether provides the easiest way to access and manage the router on your iOS and Android devices



300Mbps  
2.4GHz



Guest  
Network



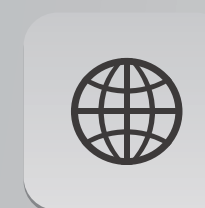
USB  
2.0 Ports



IPSec  
VPN



Tether  
APP



IPv6

# Features

## Speed

**300Mbps high transmission rates** – Guarantee interruption-free HD media streaming, online gaming, Skype calls or speedy file transfer from one device to another

## Easy Sharing

**Versatile USB Sharing**– The TL-WR842N's USB 2.0 configuration allows users to share data stored on USB storage or an FTP server

**FTP server function** – the router provides various applications such as downloading personal data from home or backing up files to a home HDD

**Built-in Print Server** – Supports wireless printing from multiple computers (works in conjunction with a USB Printer)

**Built-in Media Server** – Allows users to play music, video and view photos

## Wi-Fi Range

**Range** – For small to medium homes

## Ease of Use

**Easy Setup** – Either using the optimized user interface and setup wizard or the CD (included) setup wizard will allow you to get 'online' quickly and easily

**Fast Encryption** – Easy one-touch WPA wireless security encryption with the WPS button

**Easy On/Off** – Wi-Fi On/Off Button allows users to turn wireless radio on or off

**Power On/Off** – Convenient power saving

**Hassle-free Management with Tether App** – Tether App allows easy network management at your fingertips

## Reliability

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

## Security

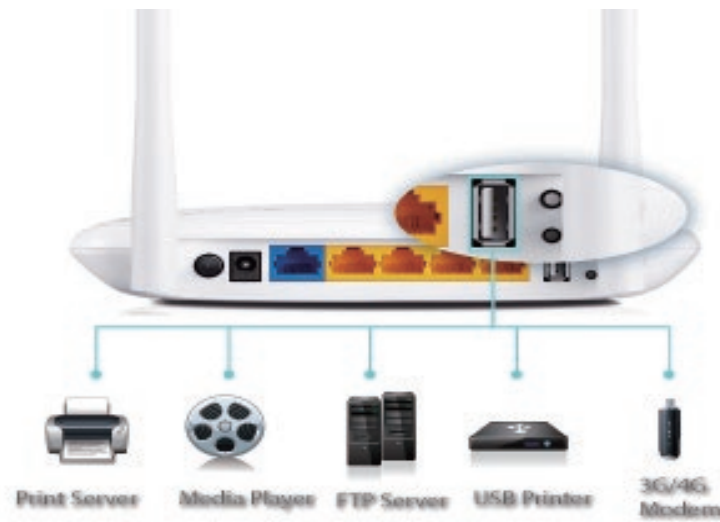
**Access Control** – Guest Network Access provides secure Wi-Fi access for guests

**VPN Support** – Secure access to your home or office network from remote devices

**Parental Control** – Establish restricted access policies for all connected devices

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

# Advanced Functions



## Versatile USB Sharing

The TL-WR842N's USB 2.0 configuration allows users to share data stored on USB storage or an FTP server. Users can also share music, video and photos via the router's built-in Media Server. What's more, the device's built-in Print Server makes home or office printing much more flexible.



## Virtual Private Network

- Up to 5 IPsec Based VPN Tunnels  
Based on the IPsec protocol, TL-WR842N allows users to setup up to 5 VPN tunnels with IKE (Internet Key Exchange) protocol on various encryption algorithms (DES/3DES/AES) and authentication algorithms (MD5/SHA1).

## Tether App

### Easy Network Management at Your Fingertips

TP-LINK Tether provides the easiest way to access and manage the router on your iOS and Android devices. From Setup to Parental Control, Tether provides a simple, intuitive user interface to see what the status of your router is, who's online and what their privileges are. TP-LINK Tether is going to be adaptable to more router models.

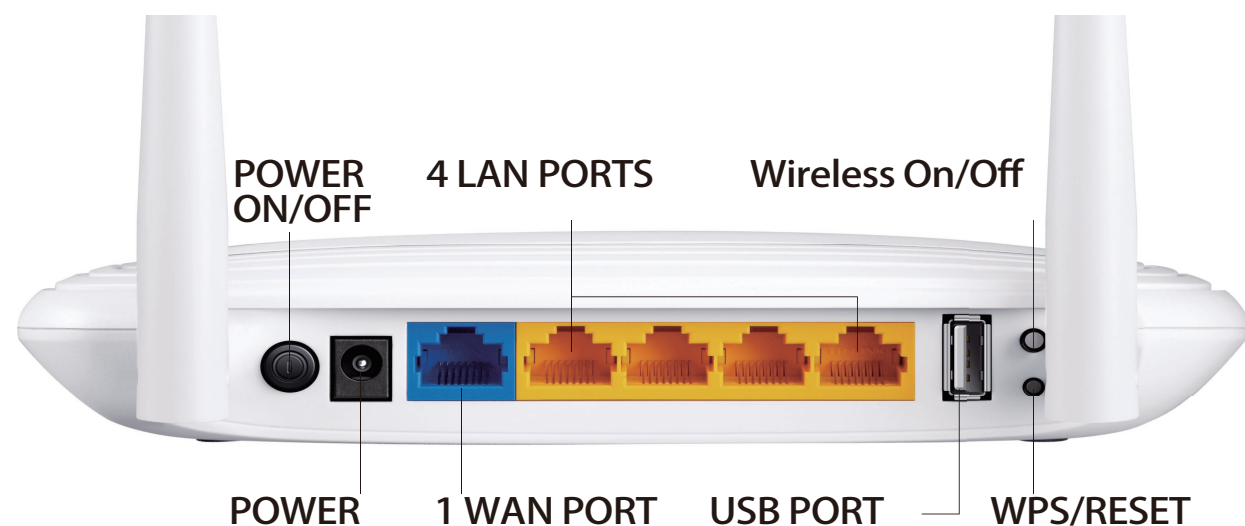




# Specifications

## Hardware

- Ethernet Ports: 4 10/100Mbps LAN Ports & 1 10/100Mbps WAN Port
- USB Port: 1 USB 2.0 Port
- Button: WPS/Reset Button, Wireless On/Off Button, Power On/Off Button
- External Power Supply: 12VDC / 1.0A
- Dimensions (W x D x H): 7.6 x 5.3 x 1.3 in.(192 x 134 x 33 mm)
- Antenna: 2\*5dBi Omni Directional Antennas (RP-SMA)



## Wireless

- Wireless Standards: IEEE 802.11n/g/b
- Frequency: 2.4-2.4835GHz
- Signal Rate: Up to 300Mbps
- Transmit Power: CE:<20dBm(2.4GHz)  
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 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

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## Software

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- 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: 5 IPsec VPN Tunnels
- 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
- USB Sharing: Support Samba/FTP/Media Server/Printer Connection
- Management: Access Control, Local Management, Remote Management
- Protocols: Supports IPv4 and IPv6

## Others

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### Package Contents

- TL-WR842N
- Power Supply Unit
- 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°C~40°C (32°F ~104°F)
- Storage Temperature: -40°C~70°C (-40°F ~158°F)
- Operating Humidity: 10%~90% non-condensing
- Storage Humidity: 5%~95% non-condensing

# Others

## Similar Products



- 300Mbps Wireless N Router  
TL-WR840N



- 300Mbps Wireless N Router  
TL-WR841N



- 300Mbps Wireless N Router  
TL-WR841ND



- 300Mbps Multi-Function  
Wireless N Router  
TL-WR842ND



- 300Mbps Wireless AP/Client  
Router  
TL-WR843N



For more information, please visit

[http://www.tplink.com/en/products/details/cat-9\\_TL-WR842N.html](http://www.tplink.com/en/products/details/cat-9_TL-WR842N.html)

or scan the QR code left

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Maximum wireless speed of up to 1900Mbps is the theoretical data rate derived from IEEE standard 802.11 specifications. Actual data throughput and wireless coverage will vary due to network conditions and environmental factors including volume of network traffic, building materials and construction, network overhead, actual data throughput rate, and wireless coverage. TP-LINK makes no express or implied representations or warranties about this product's compatibility with any future standards. 802.11ac 1300Mbps is approximately 3 times faster than 802.11n 450Mbps. 2.4GHz Performance Mode requires 256 QAM support on Wi-Fi client.

[www.tp-link.com](http://www.tp-link.com)