



# 300Mbps Wireless N Router

N300 with Proven Stability

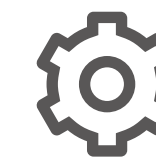
TL-WR850N



300Mbps  
Wireless Speed



5dBi Antennas



Easy Setup

# Highlights

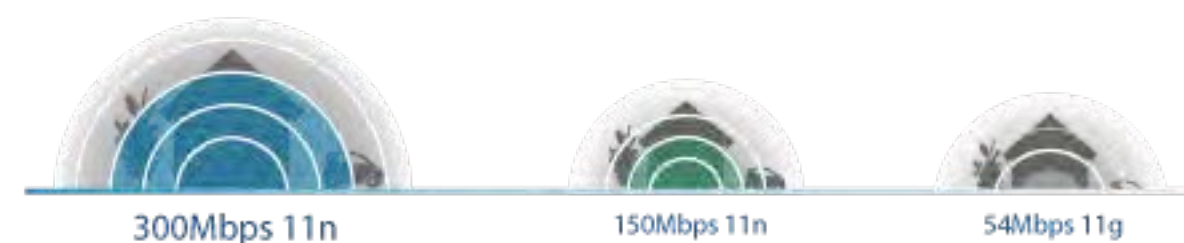
## Reliable Network Connection

Equipped with two 5dBi antennas, the TL-WR850N can enhance wireless signal transmission and reception. With the 4 fast Ethernet ports, it provides reliable Wi-Fi and wired connection for medium-sized homes, letting your family enjoy fast Wi-Fi together on every smartphone, tablet and laptop.



## Wireless N Speed & Range

Complying with the IEEE 802.11n standard, TL-WR850N can establish a wireless network and get up to 15X the speed and 5X the range of conventional 11g products. Also, with transmission rates up to 300Mbps.



TP-Link 300Mbps Wireless N Router TL-WR850N

# Features



## Reliability

- **Wireless N Speed** – 300Mbps Wi-Fi speed meets your daily internet needs
- **802.11 n** – Backward compatible with 802.11b/g products
- **MIMO Technology** – 2 x 2 MIMO technology increases efficiency for streaming & gaming
- **Easy Bandwidth Management** – Bandwidth Control allocates necessary speed of each connected device to ensure quality of multimedia streaming



## Ease of Use

- **Intuitive Web UI**– Ensures quick and simple installation without hassle
- **Fast Encryption** – One-touch WPA wireless security encryption with the WPS button



## Security

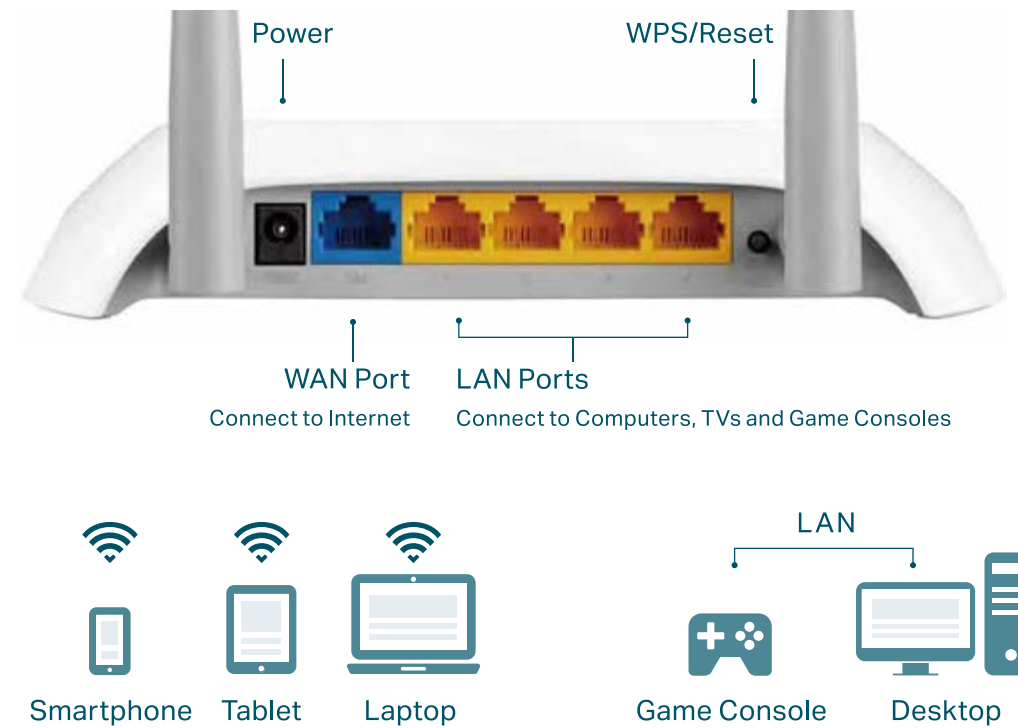
- **Guest Network** – Keep your main network secure by creating a separate network for friends and visitors
- **Access Control** – Establish a whitelist or blacklist to allow or block certain devices from accessing the internet
- **Parental Controls** – Manage when and how connected devices can access the internet
- **Encryptions for Secure Network** – WPA-PSK/WPA2-PSK encryptions provide active protection against security threats

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# Specifications

## Hardware

- Ethernet Ports: 4 10/100Mbps LAN Ports, 1 10/100Mbps WAN Port
- Buttons: WPS/Reset Button
- Antennas: 2 fixed Omni Directional Antennas
- External Power Supply: 9VDC / 0.6A
- Dimensions (W x D x H): 7.2 x 5.0 x 1.4 in. (182 x 128 x 35mm)



## Wireless

- Wireless Standards: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
- Frequency: 2.4-2.4835GHz
- Signal Rate:
  - 11n: Up to 300Mbps(dynamic)
  - 11g: Up to 54Mbps(dynamic)
  - 11b: Up to 11Mbps(dynamic)
- Wireless Function: Enable/Disable Wireless Radio, WDS Bridge, WMM, Wireless Statistics
- Wireless Security: WEP, WPA / WPA2, WPA-PSK / WPA2-PSK

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# Specifications

## Software

- WAN Type: Dynamic IP, Static IP, PPPoE, PPTP(Dual Access), L2TP(Dual Access)
- DHCP: Server, 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
- Access Control: Parental Control, Local Management Control, Host list, Access Schedule, Rule Management
- Firewall Security: DoS, SPI Firewall, IP and MAC Address Binding
- Protocols: IPv4, IPv6
- Management: Access Control, Local Management, TR-069 Remote Management
- Guest Network: 2.4GHz guest network

## Others

- Certification  
CE, FCC, RoHS
- System Requirements  
Microsoft Windows 10/8.1/8/7/Vista/XP/2000/NT/98SE, MAC OS, NetWare, UNIX or Linux  
Internet Explorer 11, Firefox 12.0, Chrome 20.0, Safari 4.0, or other Java-enabled browser
- 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%~90% non-condensing
- Package Contents  
300Mbps Wireless N Router TL-WR850N  
Power Adapter  
RJ-45 Ethernet Cable  
Quick Installation Guide