tp-link

300Mbps
Wireless N Router

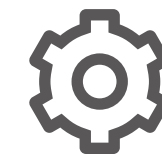## N300 with Proven Stability

TL-WR850N

| 300Mbps Wireless Speed | (5) dBi | 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.

Smartphone   Tablet   Laptop

LAN

Game Console   Desktop

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.
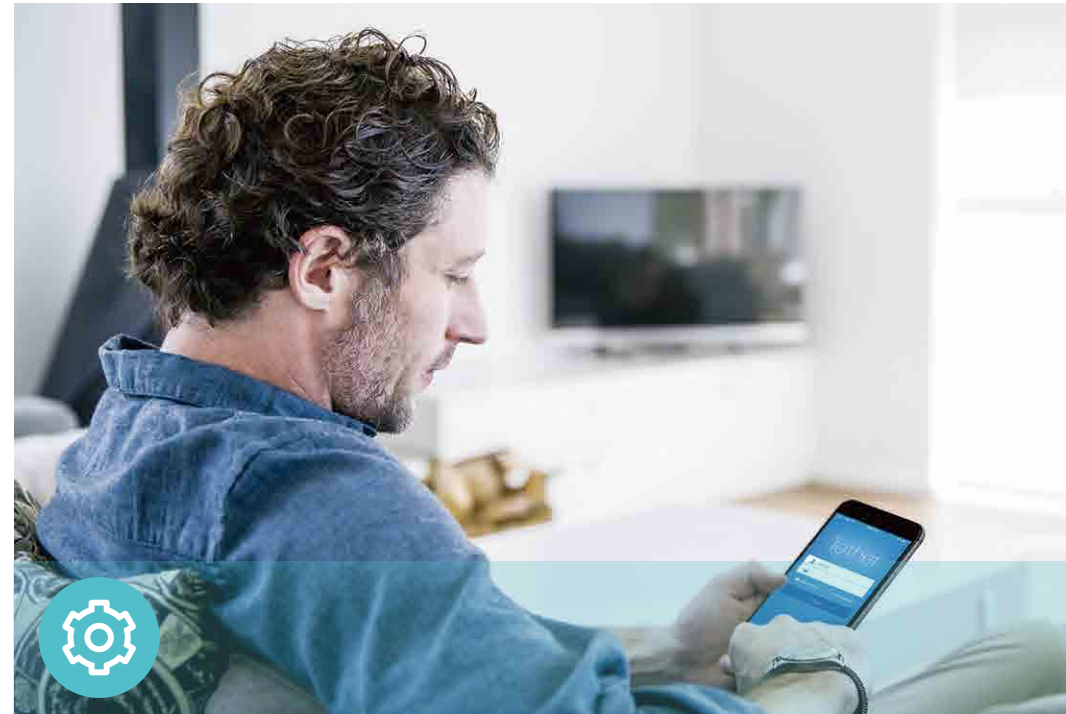
300Mbps 11n   150Mbps 11n   54Mbps 11g

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

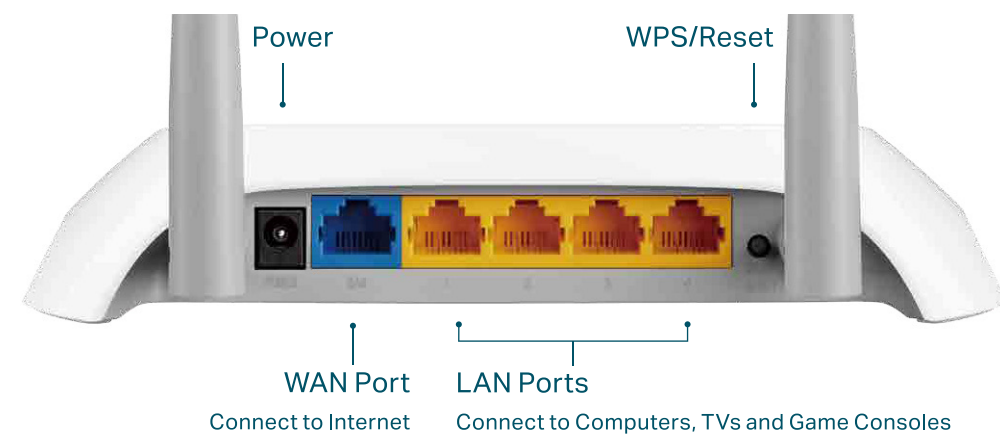· **Fast Encryption** – One-touch WPA wireless security encryption with the WPS button

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

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)

Power   WPS/Reset

WAN Port   LAN Ports

Connect to Internet   Connect to Computers, TVs and Game Consoles

LAN

Smartphone   Tablet   Laptop   Game Console   Desktop

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

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℃~40℃ (32℉~104℉)

Storage Temperature: -40℃~70℃ (-40℉~158℉)

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