300Mbps Wireless N Router

N300 with Proven Stability



TL-WR850N

300Mbps Wireless Speed

5dBi Antennas

Easy Setup

Highlights

Reliable Network Connection

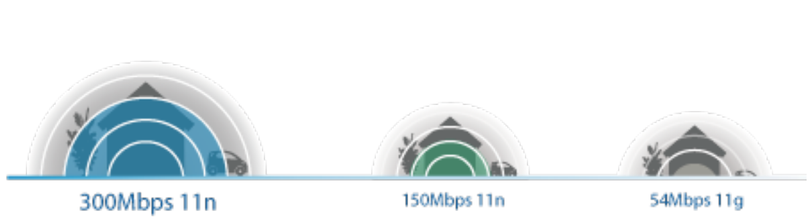
Equipped with two 5dBi antennas, the TL-WR850N can enhance wireless signal transmission and reception. With the 4 fast Ethernet ports, it provides reliable Wi-Fi and wired connection for medium-sized homes, letting your family enjoy fast Wi-Fi together on every smartphone, tablet and laptop.



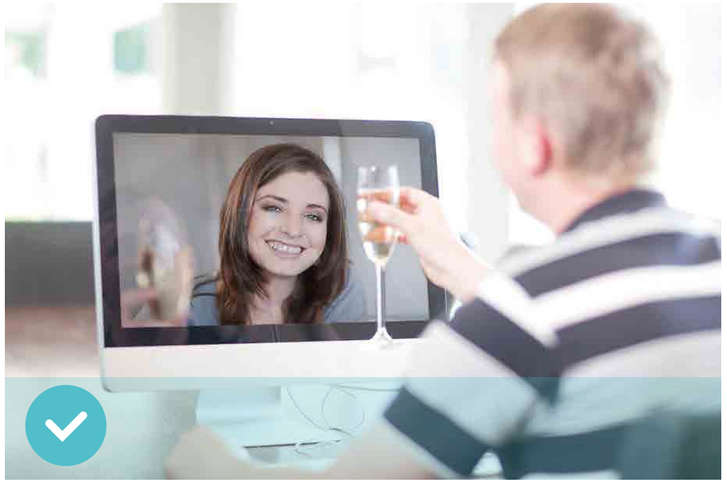


Wireless N Speed & Range

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.

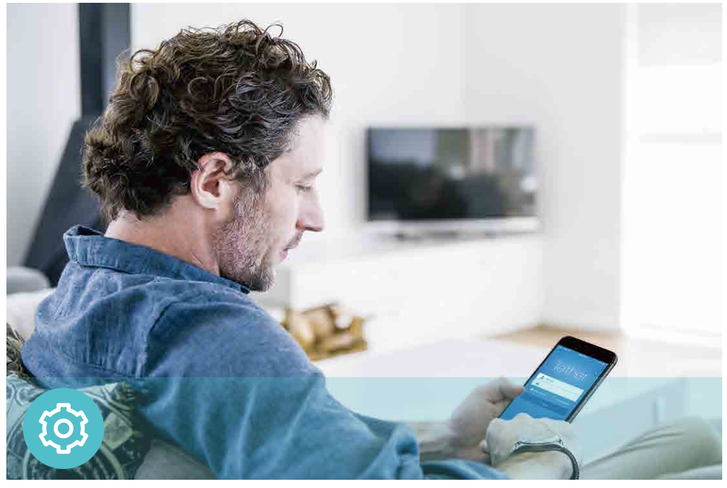


Features



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



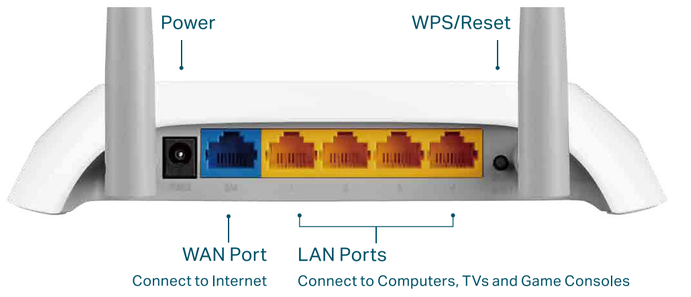
Security

- 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)





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