tp-link | S SERVICE PROVIDER

300Mbps Wireless N Router

N300 with Proven Stability

TL-WR850N

tp-link

300Mbps Wireless Speed | **Easy Setup**

Features

Reliability

· Wireless N Speed – 300Mbps Wi-Fi speed meets your daily internet needs

· 802.11n – 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

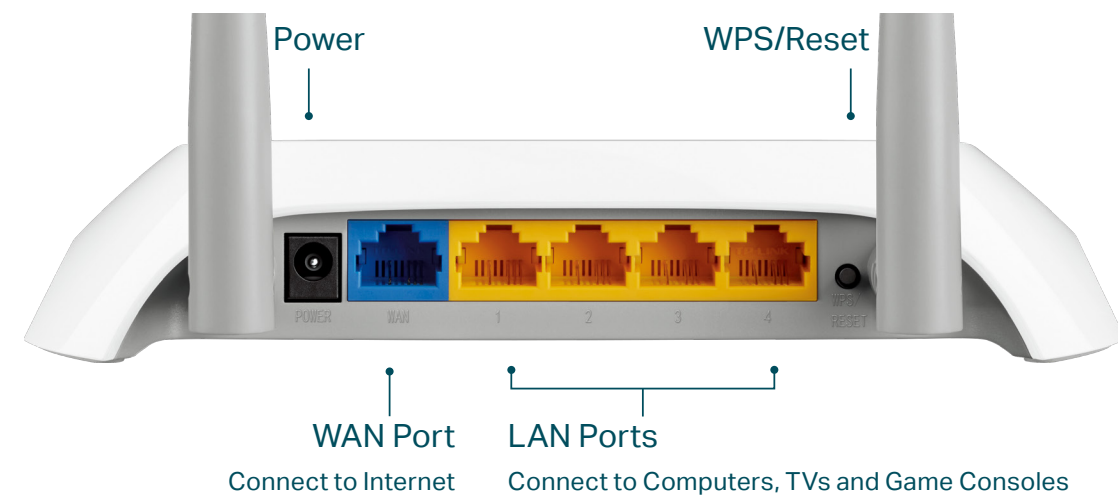· Fast Encryption – One-touch WPA wireless security encryption with the WPS button

Security

· Access Control – Establish a whitelist or blacklist to allow or block certain devices from accessing the internet

· Parental Controls – Manage when and how children 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
Connect to Internet

LAN Ports
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)

· Reception Sensitivity:

   270M: -68dBm@10% PER

   130M: -71dBm@10% PER

   108M: -72dBm@10% PER

   54M: -74dBm@10% PER

   11M: -86dBm@8% PER

   6M: -86dBm@10% PER

   1M: -94dBm@8% PER

· Wireless Function: Enable/Disable Wireless Radio, WDS Bridge, WMM, Wireless Statistics

· Wireless Security: WEP, WPA / WPA2, WPA-PSK / WPA2-PSK

Specifications

Software

- **Working Modes:** Wireless Router, Access Point

- **WAN Type:** Dynamic IP/Static IP/PPPoE/PPTP/L2TP(Multi-EWAN)

- **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 Controls, 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, Remote Management, TR-069

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

  Cable or DSL Modem

  Subscription with an internet service provider (for internet access)

- 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