tp-link

300Mbps
Wireless N Router

N300 with Proven Stability

TL-WR840N

300Mbps
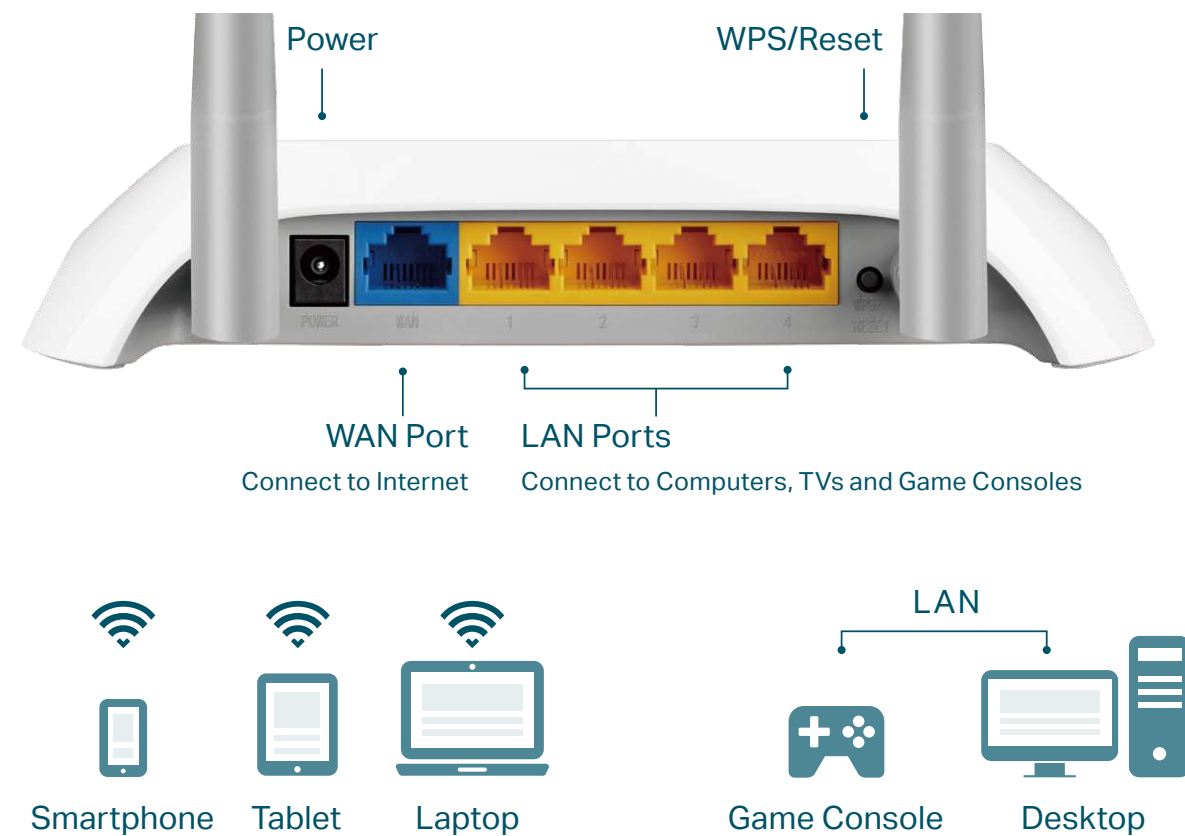Wireless Speed

(5) 5dBi Antennas

Multi-mode

Highlights

Reliable Network Connection

Equipped with two 5dBi antennas, TL-WR840N 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.

Power   WPS/Reset

POWER   1   2   3   4

WAN Port   LAN Ports

Connect to Internet   Connect to Computers, TVs and Game Consoles

LAN

Smartphone   Tablet   Laptop   Game Console   Desktop

Wireless N Speed & Range

Complying with the IEEE 802.11n standard, TL-WR840N 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.
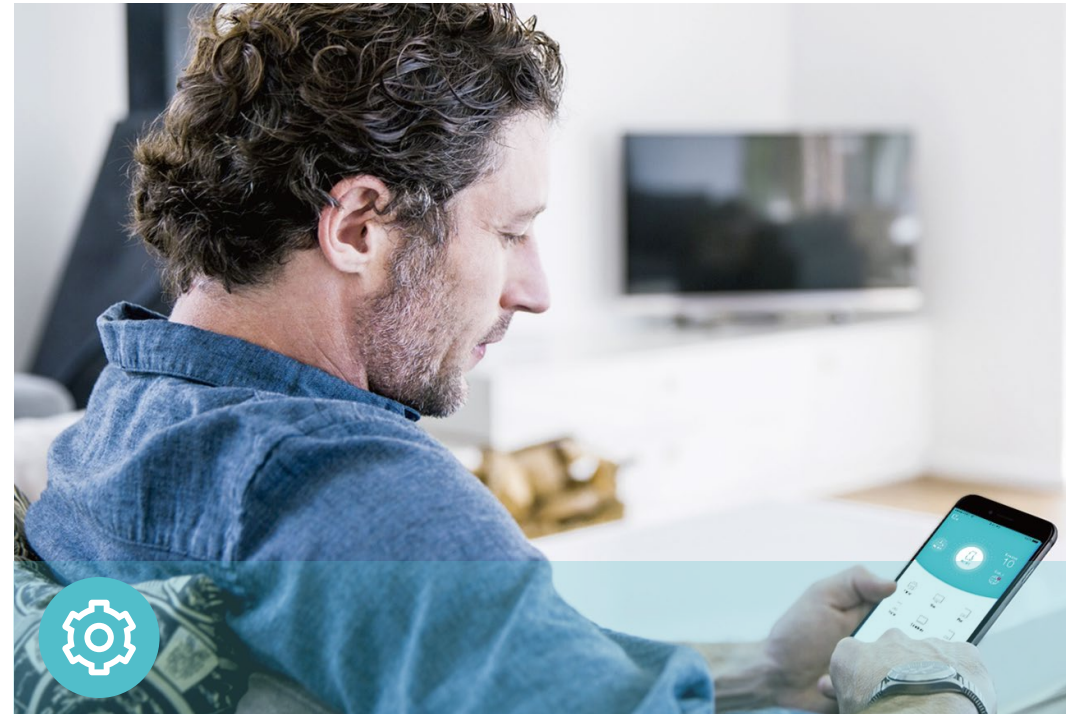
300Mbps 11n   150Mbps 11n   54Mbps 11g

Features

Reliability

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

· 802.11n – Backward compatible with 802.11b/g products

· 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

· Hassle-free Management with Tether App – Network management is made easy with the TP-Link Tether App, available on any Android or iOS device

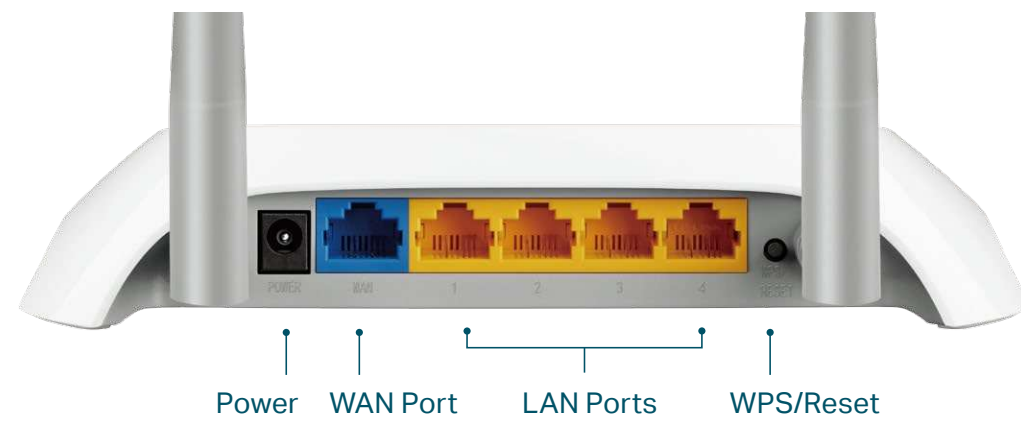## Security

· 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 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   WAN Port   LAN Ports   WPS/Reset

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, WMM, Wireless Statistics

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

Specifications

Software

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

- **WAN Type:** Dynamic IP, Static IP, PPPoE, PPTP(Dual Access), L2TP(Dual Access), Bigpond

- **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

- **Guest Network:** 2.4GHz guest network

Others

- Certification

  CE, FCC, RoHS, Wi-Fi

- 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-WR840N

  Power Adapter

  RJ-45 Ethernet Cable

  Quick Installation Guide

For more information, please visit
http://www.tp-link.com/en/products/details/TL-WR840N.html
or scan the QR code left

www.tp-link.com