



300Mbps Wireless AP/Client Router

Dedicated for WISP Network
Connection

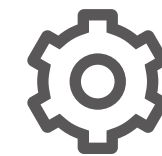
TL-WR843N



300Mbps
Wireless Speed



5dBi Antennas



Easy Setup

Highlights

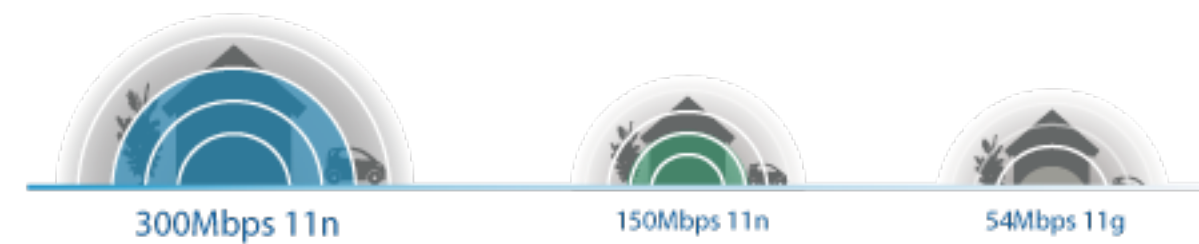
Enjoy Reliable Wi-Fi

The 300Mbps Wireless AP/Client Router is designed for WISP users, allowing you to create internet access in areas without ISP infrastructure. Plus, its Ethernet ports create faster wired connections for gaming and streaming without loading or buffering.



Wireless N Speed & Range

Complying with the IEEE 802.11n standard, TL-WR843N 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 802.11 b/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
- **Power On/Off** – Conveniently power on or off your router as required
- **Hassle-free Management with Tether App** – Network management is made easy with the TP-Link Tether App, available on any Android or iOS device



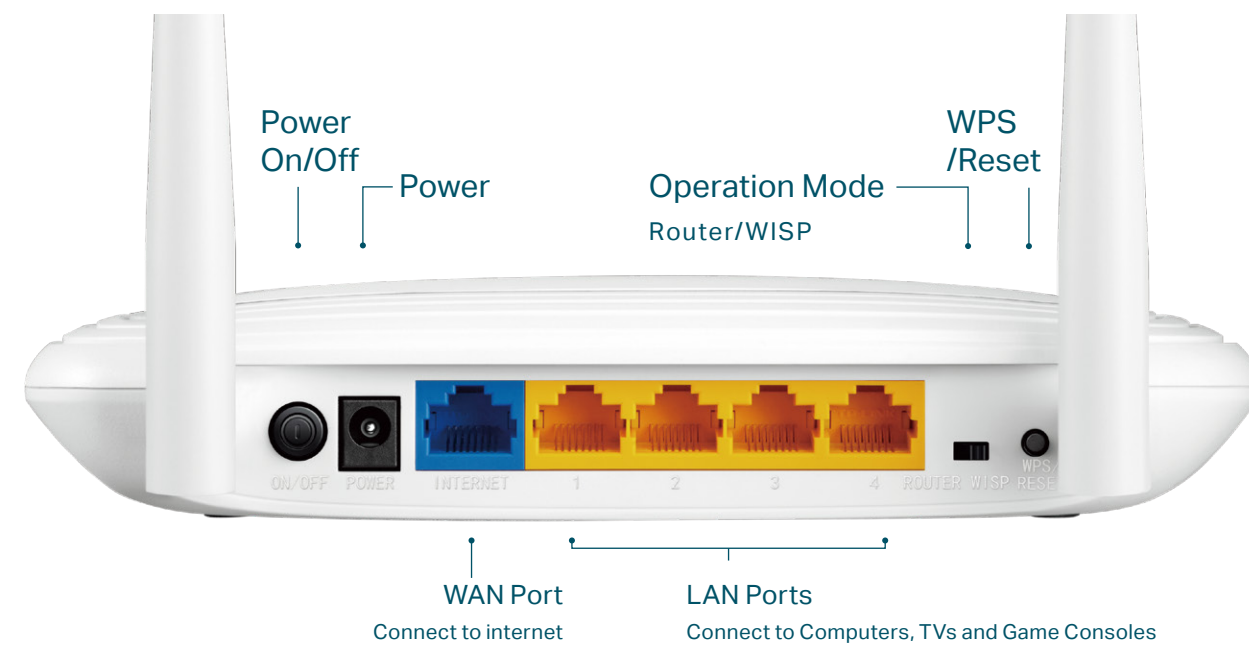
Security

- **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 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, Power On/Off Button, Operation Mode Switch
- Antennas: 2 5dBi fixed Omni Directional Antennas (RP-SMA)
- External Power Supply: 9VDC / 0.85A
- Dimensions (W x D x H): 192 x 132 x 36 mm



Wireless

- Wireless Standards: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
- Frequency: 2.4GHz
- Transmit Power: CE: < 20dBm; FCC: < 30dBm
- Signal Rate:
 - 11n: Up to 300Mbps(dynamic)
 - 11g: Up to 54Mbps(dynamic)
 - 11b: Up to 11Mbps(dynamic)
- Reception Sensitivity:
 - 270M: -68dBm@10% PER
 - 130M: -68dBm@10% PER
 - 108M: -68dBm@10% PER
 - 54M: -68dBm@10% PER
 - 11M: -85dBm@8% PER
 - 6M: -88dBm@10% PER
 - 1M: -90dBm@8% PER
- Wireless Function: Enable/Disable Wireless Radio, WDS Bridge, WMM, Wireless Statistics
- Wireless Security: WEP, WPA/WPA2, WPA-PSK/WPA-PSK2

Specifications

Software

- 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 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, Remote Management

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°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 AP/Client Router TL-WR843N
Power Adapter
Passive PoE Power Injector
RJ-45 Ethernet Cable
Quick Installation Guide



For more information, please visit

<http://www.tp-link.com/en/products/details/TL-WR843N.html>

or scan the QR code left

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Maximum wireless speed of up to 300Mbps is the theoretical data rate derived from IEEE standard 802.11 specifications. Actual data throughput and wireless coverage will vary due to network conditions and environmental factors including volume of network traffic, building materials and construction, network overhead, actual data throughput rate, and wireless coverage.

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