



300Mbps Wireless N Router

300 Mbps Multi-mode Router

TL-WR845N



300Mbps
Wireless Speed



EasyMesh-Compatible
for Seamless Wi-Fi[^]



Router / Access Point / Range
Extender / WISP Modes



WPA3 Security[†]



5 dBi Antennas

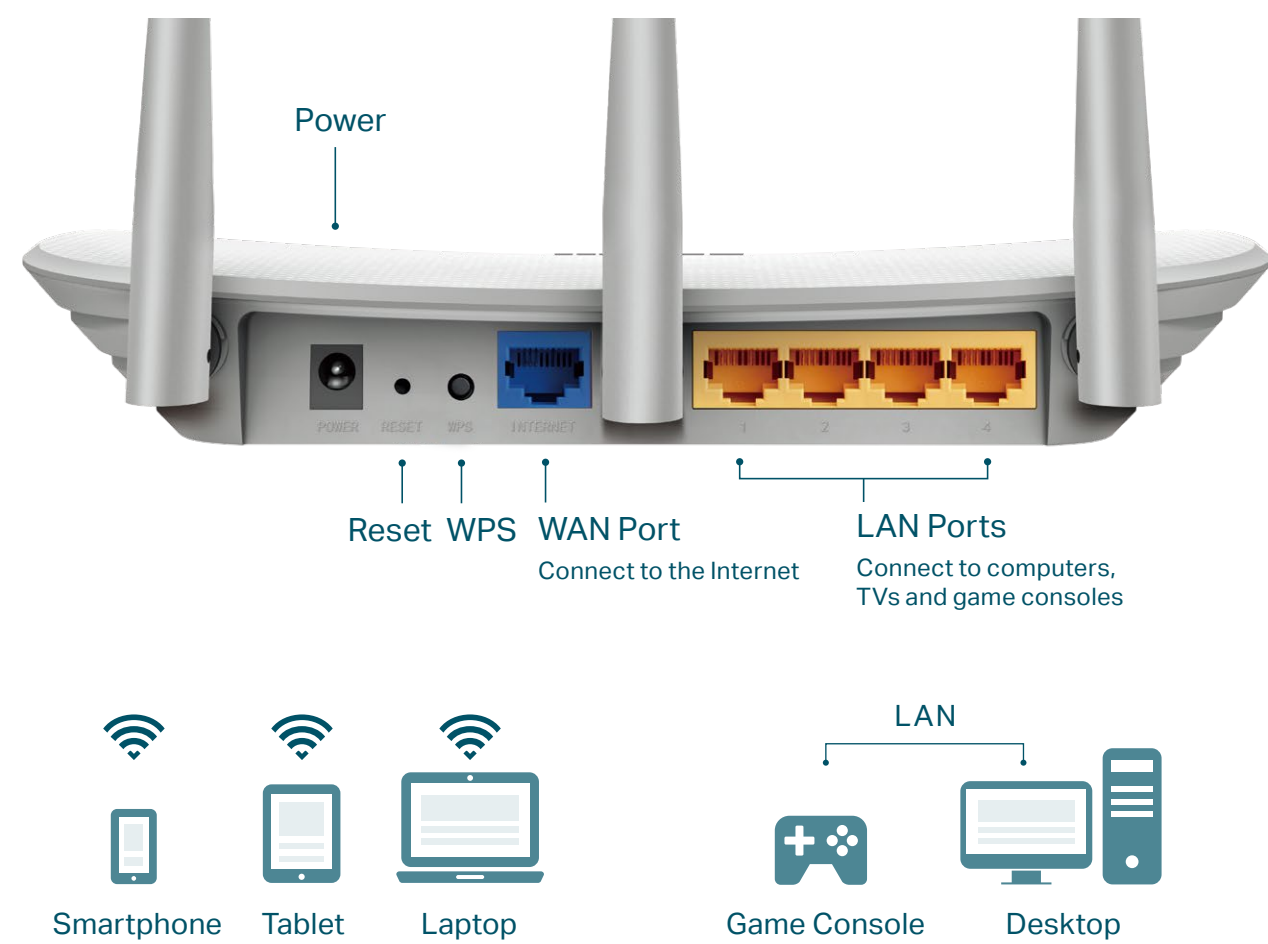


Easy Setup by Tether App

Highlights

Reliable Network Connection

Equipped with three 5dBi antennas, the TL-WR845N creates strong Wi-Fi connections for devices throughout your home. 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.



Four Modes in One

Router Mode (Default)

Connect to the Ethernet to instantly create a private wireless network and share internet access to all your Wi-Fi devices



Access Point Mode

Transform your existing wired network to a wireless one



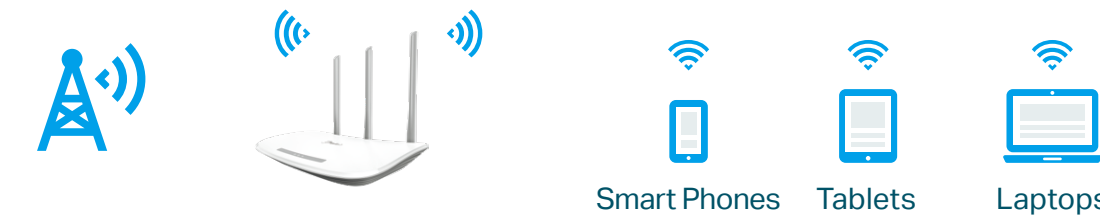
Range Extender Mode

Boost the existing wireless coverage in your room



WISP Mode

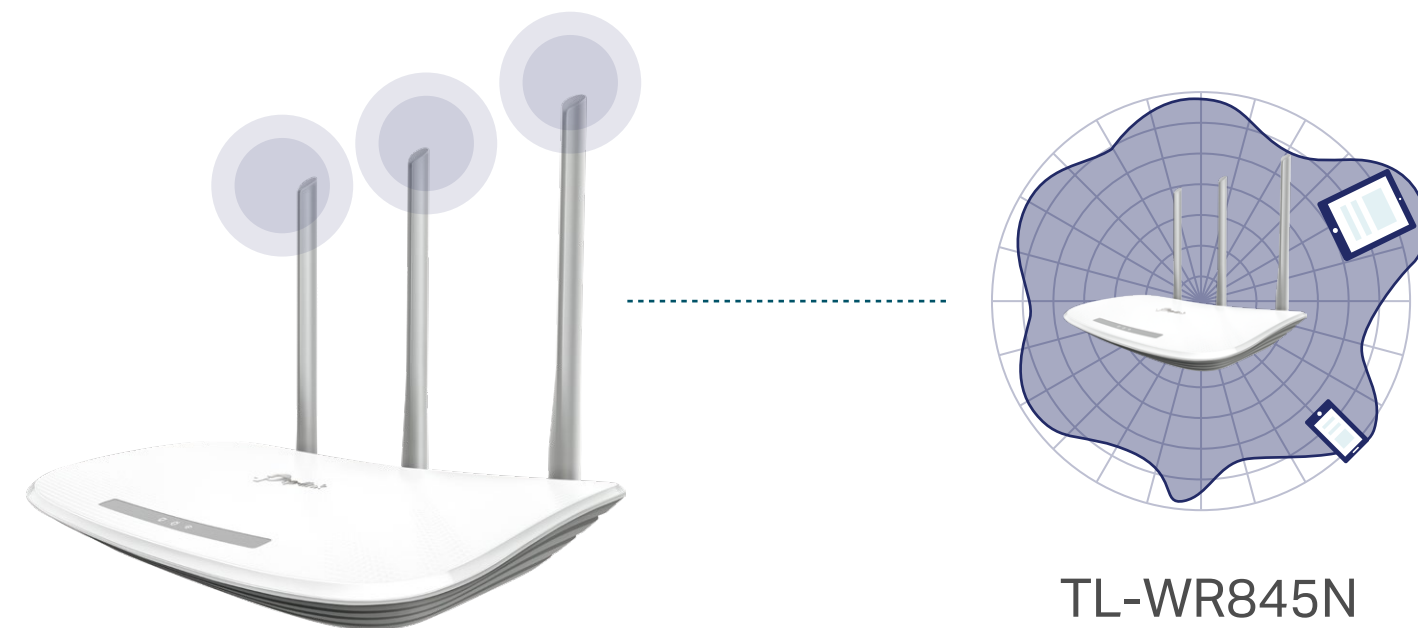
Connect to the ISP network wirelessly in areas without wired service



Highlights

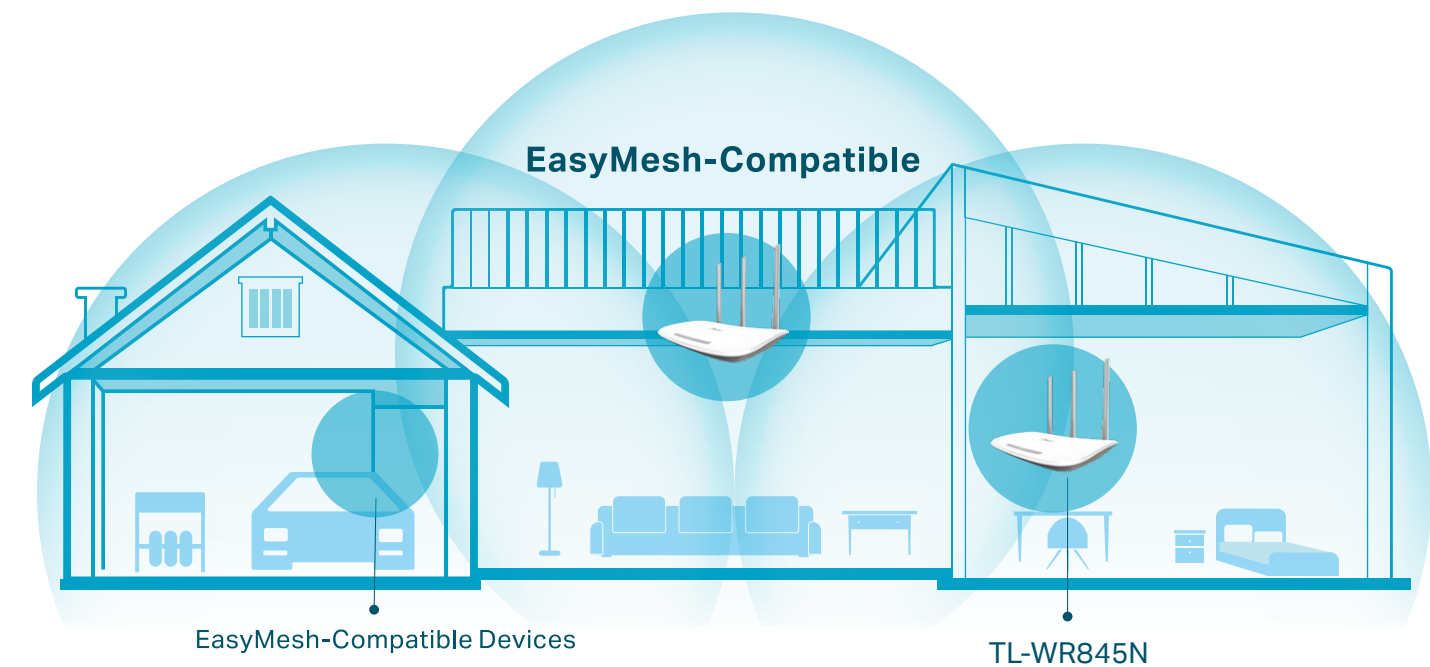
3 Antennas for Broader Coverage

Equipped with three 5dBi antennas, the TL-WR845N creates strong Wi-Fi connections for devices throughout your home.



Convenient Mesh Networking

Mesh networking creates smooth, fast, stable roaming. TL-WR845N can build an EasyMesh network with devices that use EasyMesh technology. Eliminate Wi-Fi dead zones, expand your network, and fill your entire home with high-speed Wi-Fi.

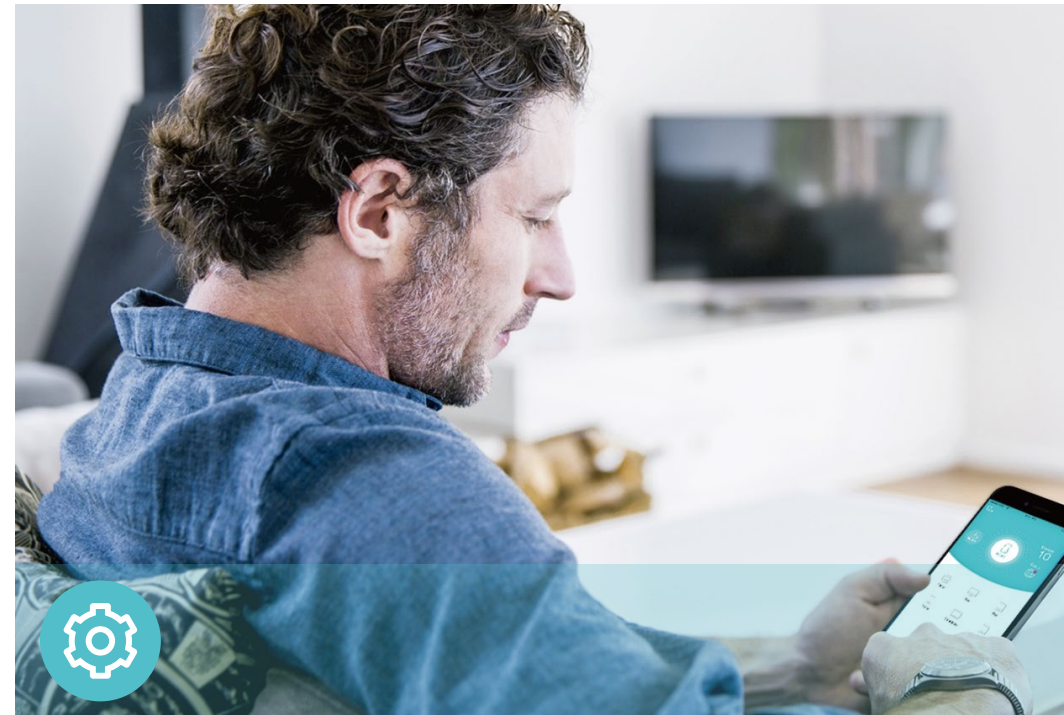


Features



Reliability

- 802.11n – Backward compatible with 802.11b/g products
- Quality of Service – Prioritizes devices to give faster performance where you need it
- IPTV – Support IGMP Proxy/Snooping, Bridge and Tag VLAN to optimize IPTV streaming



Ease of Use

- Intuitive Web UI– Ensures quick and simple installation without hassle
- Hassle-free Management with Tether App – Manage your network settings with your smartphone
- Fast Encryption – Make secure wireless connection quickly and easily with the push of a WPS button
- IoT Network – Creates a dedicated wireless network to manage IoT devices together and improve their connectivity stability.



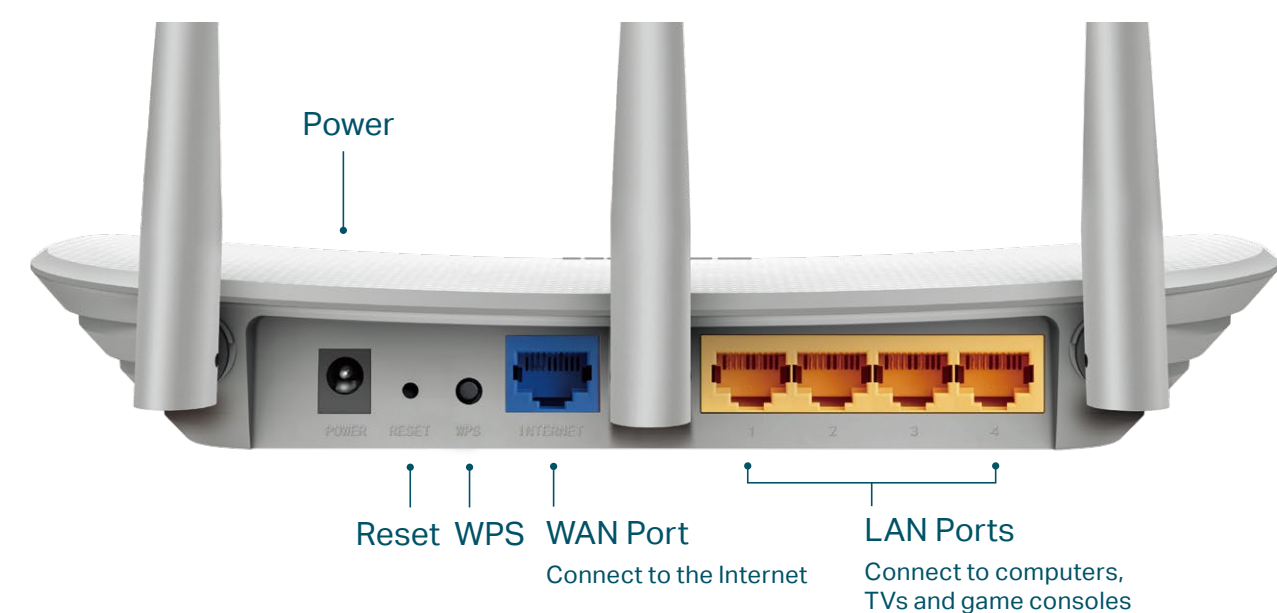
Security

- Advanced WPA3 Encryptions – The latest Wi-Fi security protocol, WPA3, brings new capabilities to improve cybersecurity in personal networks[†]
- Guest Network – Creates a separate network to secure the privacy of hosts
- Access Control – Establish a Allow List or Deny List to allow or block certain devices from accessing the internet
- Parental Controls – Allow parents to establish regulated access for children

Specifications

Hardware

- Ethernet Ports: 4 × 10/100Mbps LAN Ports, 1 × 10/100Mbps WAN Port
- Button: WPS Button, RESET Button
- Antennas: 3 Fixed Omni Directional Antennas
- External Power Supply: 9VDC / 0.6A
- Dimensions (W x D x H): 9.1 × 5.7 × 1.4 in (230 × 144 × 35 mm)



Wireless

- Wireless Standards: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
- Frequency: 2.412~2.472GHz
- Signal Rate:
 - 11n: Up to 300Mbps(dynamic)
 - 11g: Up to 54Mbps(dynamic)
 - 11b: Up to 11Mbps(dynamic)
- Reception Sensitivity:
 - 270M: -70dBm@10% PER
 - 130M: -74dBm@10% PER
 - 108M: -74dBm@10% PER
 - 54M: -77dBm@10% PER
 - 11M: -87dBm@8% PER
 - 6M: -90dBm@10% PER
 - 1M: -98dBm@8% PER
- Wireless Function: Enable/Disable Wireless Radio, WMM, Schedule
- Wireless Security: WPA, WPA2, WPA3, WPA / WPA2-Enterprise (802.1x)

Specifications

Software

- Operation Modes: Wireless Router, Range Extender, Access Point, WISP
- WAN Type: Dynamic IP, Static IP, PPPoE(Dual Access), PPTP(Dual Access), L2TP(Dual Access)
- DHCP: DHCP Server, DHCP Client List, Address Reservation
- Quality of Service: Device Prioritization
- NAT Forwarding: Port Forwarding, Port Triggering, UPnP, DMZ
- Dynamic DNS: NO-IP, DynDNS
- Firewall Security: SPI Firewall, IP and MAC Address Binding
- Protocols: IPv4, IPv6
- Management: Local Management, Remote Management
- Access Control: Allow List, Deny List
- Parental Controls: URL Filtering, Time Controls
- Guest Network: 2.4 GHz Guest Network

Others

- Certification
FCC, CE, RoHS
- System Requirements
Internet Explorer, Firefox, Chrome, Safari, or other JavaScript-enabled browser

*You are recommended to use the latest version
Cable or DSL Modem (if needed)
Subscription with an internet service provider (for internet access)
- Environment
Operating Temperature: 0°C~40°C (32°F ~104°F)
Operating Humidity: 10%~90% non-condensing
- Package Contents
Wireless Router TL-WR845N
Power Adapter
RJ-45 Ethernet Cable
Quick Installation Guide



For more information, please visit
<http://www.tp-link.com/products/details/TL-WR845N.html>
or scan the QR code left

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[†]Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

[‡]Use of WPA3 requires clients to also support WPA3.

[^]TP-Link EasyMesh-compatible products can network with other devices that use EasyMesh. Failed connections may be due to firmware conflicts of different vendors. The EasyMesh-Compatible function is still being developed on some models and will be supported in subsequent software updates.

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