



# 450Mbps Wireless N Access Point

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Easy Network Expansion  
with N450 Wi-Fi

TL-WA901N



450Mbps 2.4GHz



Passive PoE



5dBi Antennas

# Highlights

## Multiple Operating Modes Supported

Supports Access Point, Range Extender, Client and Multi-SSID modes to provide a more dynamic and comprehensive experience for all the users. Multiple operating modes also help you easily build a wireless network for hard-to-wire locations to eliminate wireless dead zone.



## TYPICAL APPLICATIONS

### Access Point

Transform your existing wired network into a wireless network



### Range Extender

Extend your existing wireless coverage by repeating the wireless signal



### Client (Media Adapter)

Acting as a "Wireless Adapter" to connect your wired devices to a wireless network



# Highlights

## 450 Mbps Reliable Wi-Fi for Home Network

With 3×3 MIMO technology, TL-WA901N reaches speeds of up to 450 Mbps, the maximum speed available on a single 2.4 GHz band, working smoothly with bandwidth-intensive tasks including VoIP, HD streaming, or online gaming—without lag.

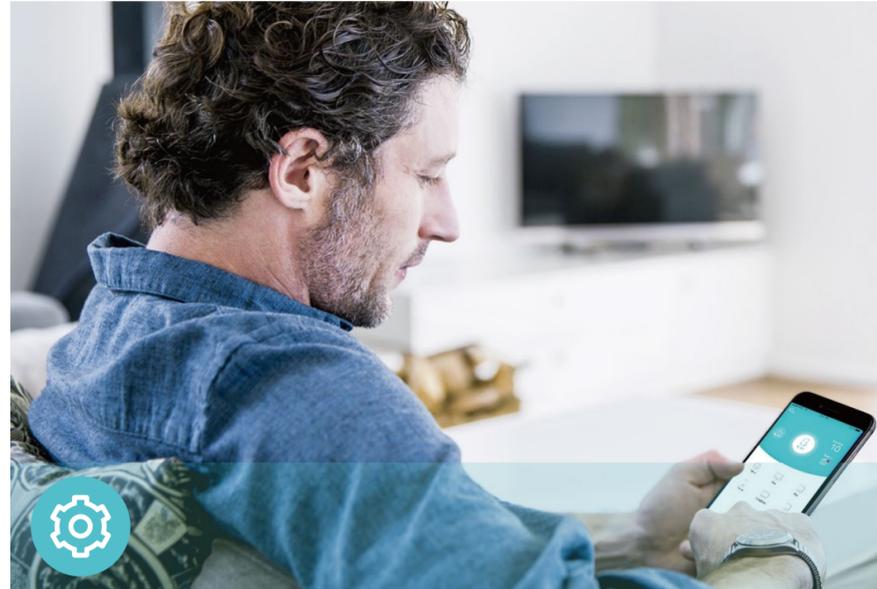


## Passive PoE for More Flexible Deployment

TL-WA901N can be powered using an Ethernet cable to simultaneously send data and electricity to wherever your AP is located, even up to 100 feet away. The AP can be placed anywhere flexibly, making it incredibly easy to find the best location for optimum signal reception.



# Features



## Ease of Use

- Multi-Mode – supports Access Point, Range Extender, Client and Multi-SSID (VLAN Supported) modes to meet any network need
- WPS – Makes secure wireless connection quick and easy with the push of a button
- Passive PoE – supplies power along the Ethernet cable to allow flexible installation without the need of a power outlet



## Reliability

- Security – protects your home network with WPA2 encryption
- MAC Filtering – enables or disables device access based on MAC address
- Throughput Monitor – displays real-time access to wireless data transmission
- Easy Bandwidth Management



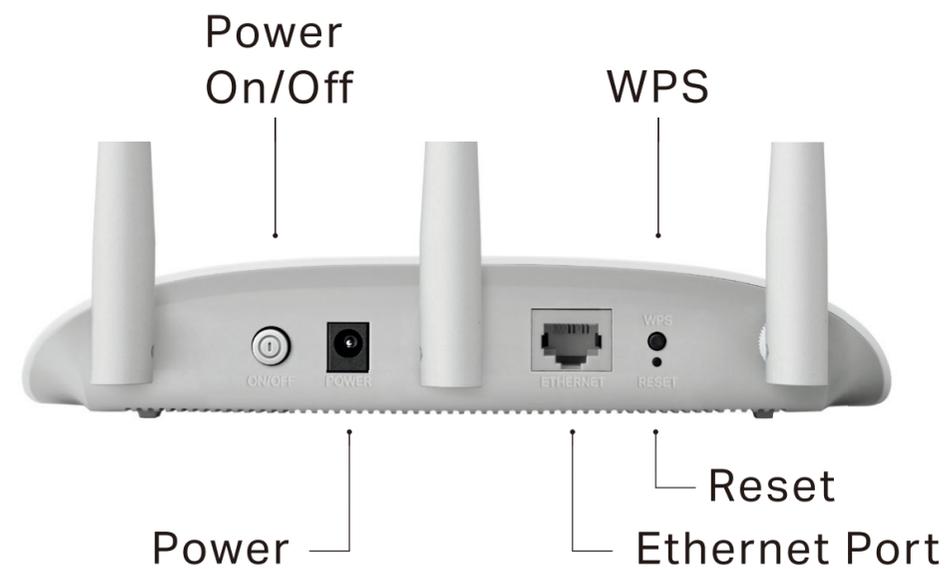
## Speed

- Ultimate Wireless Speed – Wireless speeds up to 450Mbps on 2.4GHz
- Fast Ethernet Port – Acts as a wireless adapter to connect wired devices

# Specifications

## Hardware

- Ethernet Port: 1 10/100Mbps Ethernet Port (Supports Passive PoE)
- Buttons: Power On/Off Button, Reset/WPS Button
- Antennas: 3 Fixed Omni-Directional Antennas
- External Power Supply: 9VDC/0.85A
- Dimensions (W x D x H): 7.7 × 5.3 × 1.4 in (195 × 134 × 36 mm)



## Wireless

- Wireless Standards: IEEE 802.11b/g/n 2.4GHz
- Frequency: 2.4GHz
- Signal Rate: 450Mbps at 2.4GHz
- Transmit Power:  
CE: <20dBm; FCC: <30dBm
- Reception Sensitivity:  
11g 54M: -76dBm  
11n 20Mbps: -73dBm  
11n 40Mbps: -70dBm
- Wireless Function: Enable/Disable Wireless Radio, WDS Bridge, WMM, Wireless Statistics
- Wireless Security: 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA-PSK2 encryptions

# Specifications

## Software

- Quality of Service: WMM
- DHCP: Server, DHCP Client List
- Wireless Modes: Access Point, Range Extender, Client, Multi-SSID
- Protocols: IPv4, IPv6
- System Tools: SNMP, Ping Watch Dog

## Others

- Certification:  
CE, FCC, RoHS
- System Requirements:  
Microsoft Windows 98SE/NT/2000/XP/Vista™/7/8/8.1/10, 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  
Wireless N Access Point TL-WA901N  
  
Power Adapter  
  
Passive PoE Power Injector  
  
RJ45 Ethernet Cable  
  
Quick Installation Guide



For more information, please visit

[https://www.tp-link.com/products/details/?model=TL-WA901N\\_V6](https://www.tp-link.com/products/details/?model=TL-WA901N_V6)

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.

[www.tp-link.com](http://www.tp-link.com)

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