



450Mbps Wireless N Access Point

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.

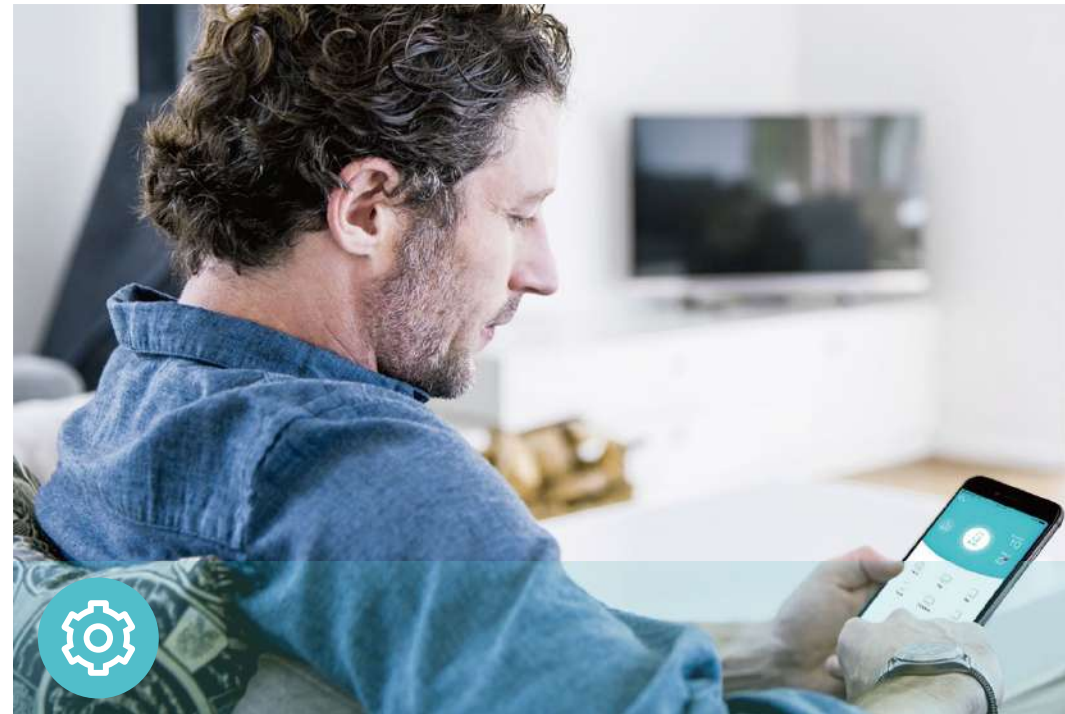


Passive PoE for More Flexible Deployment

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**



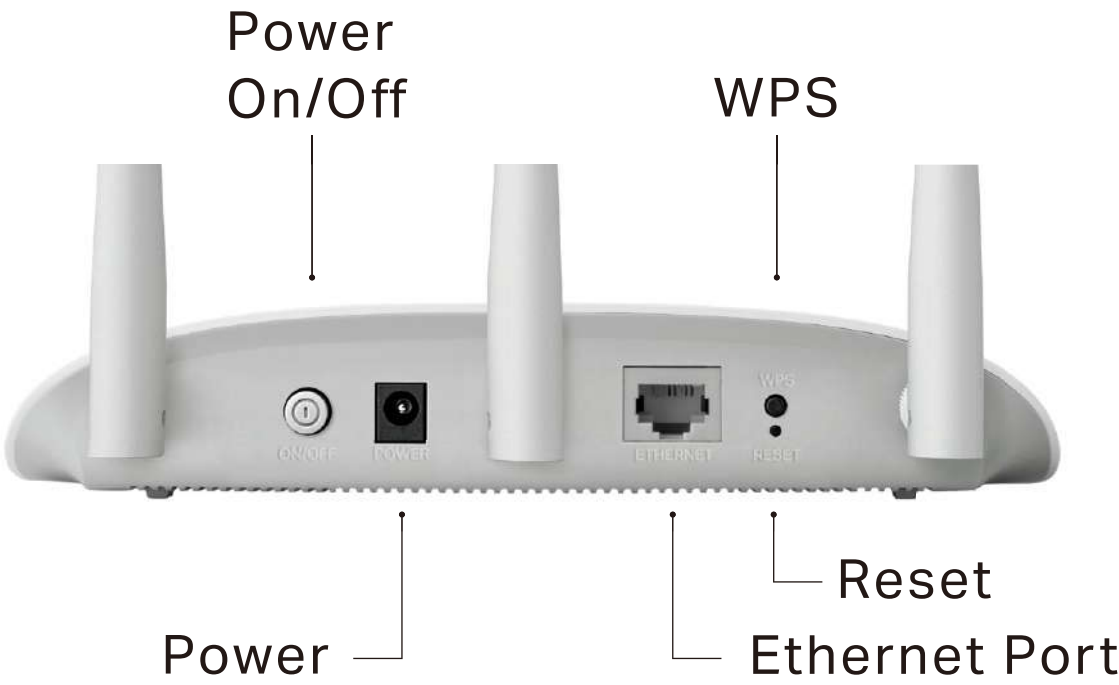
Speed

- **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
or scan the QR code left

Specifications are subject to change without notice. TP-Link is a registered trademark of TP-Link Technologies Co., Ltd. Other brands and product names are trademarks or registered trademarks of their respective holders. Copyright ©2020 TP-Link Technologies Co., Ltd. All rights reserved.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
*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.