**tp-link**

# 300Mbps Wireless N Access Point

Easy Network Expansion
with N300 Wi-Fi

TL-WA801N

300Mbps 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

Wired Network

Smart Phones    Tablets    Laptops

### Range Extender
Extend your existing wireless coverage by repeating the wireless signal

Wireless Network

(optional)    Desktop    Smart Phones    Tablets

### Client (Media Adapter)
Acting as a "Wireless Adapter" to connect your wired devices to a wireless network

Wireless Network

IPTV

Game Console or IPTV

# Highlights

## Reliable Wi-Fi for Home Entertainment

With 2× 2 MIMO technology, TL-WA801N reaches speeds of up to 300 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. Its wall-mounting design helps you save space on your desk.
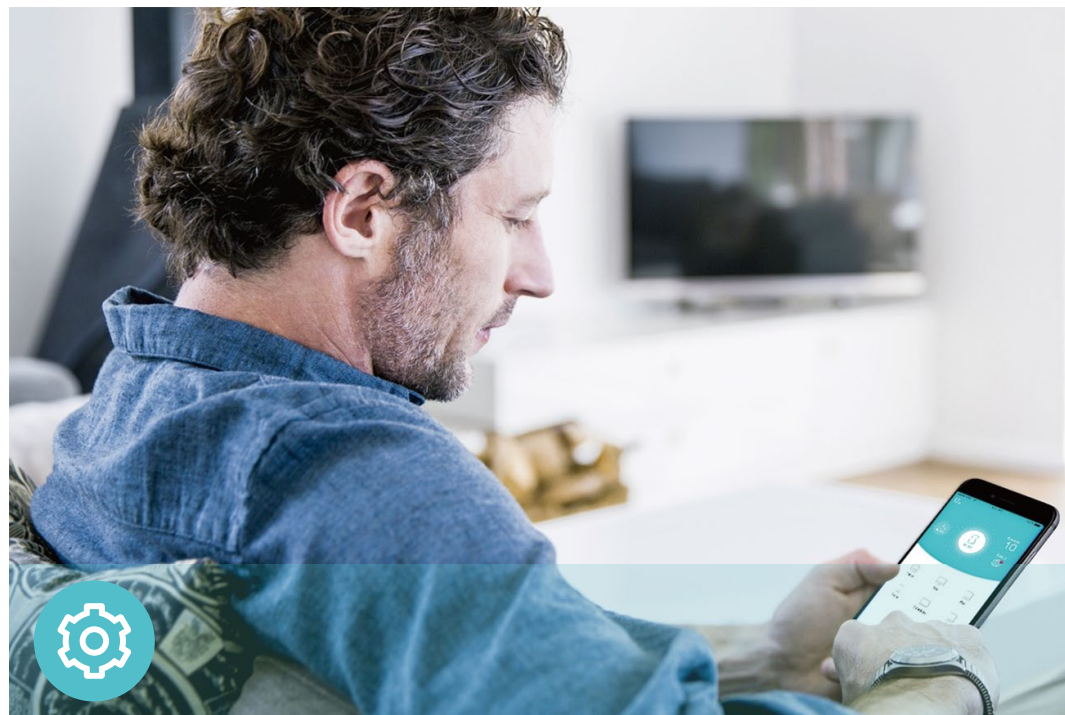


## Passive PoE for More Flexible Deployment

TL-WA801N 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

· Intuitive Web UI – Ensures quick and simple installation without hassle

· Power On/Off – Conveniently power on or off your router as required

· Passive PoE – Supplies power along the Ethernet cable to allow flexible installation without the need of a power outlet

## Reliability

· Multi-Mode – Supports Access Point, Range Extender, Client and Multi-SSID (VLAN supported) modes to meet any network need

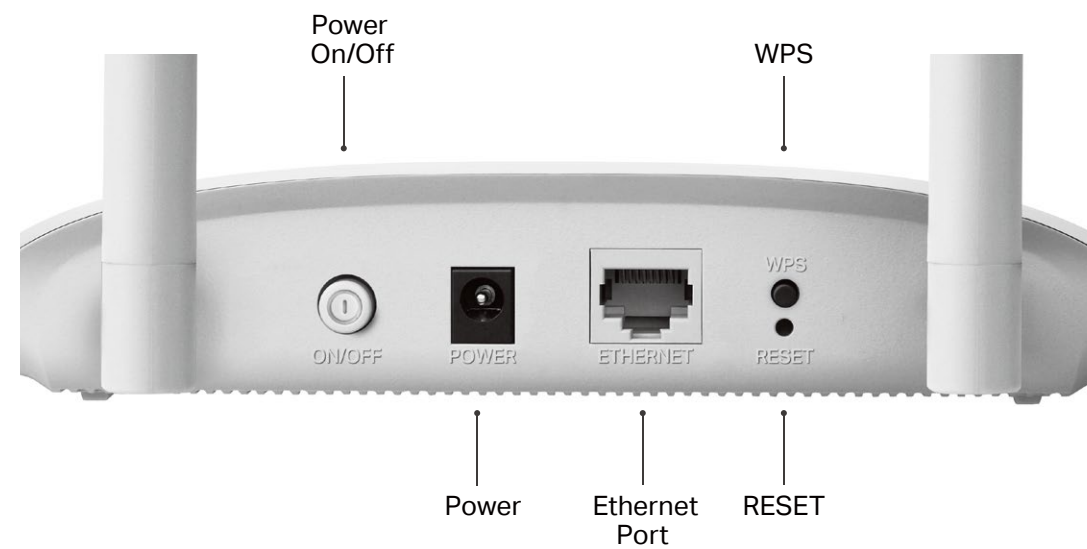· MAC Filtering – Enables or disables device access based on MAC address

## Security

· Security – Protects your home network with WPA2 encryption

· WPS – Makes secure wireless connection quick and easy with the push of a button

· Throughput Monitor – Displays real-time access to wireless data transmission

# Specifications

## Hardware

· Ethernet Port: 1 10/100Mbps Ethernet Port (Supports Passvice PoE)

· Buttons: Power On/Off Button, WPS Button, RESET Button

· Antennas: 2 Fixed Omni-Directional Antennas

· External Power Supply: 9VDC/0.6A

· Dimensions (W x D x H): 7.1×5.1×1.4in (181.6x129.5x36.2mm)

## Wireless

· Wireless Standards: IEEE 802.11b/g/n

· Frequency: 2.4GHz

· Signal Rate: 300Mbps at 2.4GHz

· Transmit Power:

  CE: <15dBm; FCC: <20dBm

· Reception Sensitivity:

  11g 6Mbps: -90dBm

  11g 54Mbps: -77dBm

  11n HT20 MC7: -73dBm

  11n HT40 MC7: -70dBm

· Wireless Function: Enable/Disable Wireless Radio, WMM, Short GI, AP Isolation, Wireless Statistics, Throughput Monitor

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

Power On/Off          WPS

ON/OFF   POWER   ETHERNET   WPS   RESET

Power   Ethernet Port   RESET

# Specifications

## Software

· Quality of Service: WMM

· DHCP: DHCP Server, DHCP Client List, Address Reservation, Address Lease Time

· Wireless Modes: Access Point, Range Extender, Client, Multi-SSID

· WPS: Software WPS Button, Client's PIN, Router's PIN

· System Tools: SNMP, Ping Watch Dog, Time Settings, Diagnostic, Firmware
  Upgrade, Backup & Restore, System Log

## 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℃~40℃ (32℉ ~104℉)

  Storage Temperature: -40℃~70℃ (-40℉ ~158℉)

  Operating Humidity: 10%~90% RH

  Storage Humidity: 5%~90% RH

· Package Contents

  Wireless Access Point TL-WA801N

  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-WA801N_V6
or scan the QR code left

**www.tp-link.com**

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