

## 450Mbps Wireless N Access Point

### TL-WA901ND

#### ⦿ Features

- Wireless N speed up to 450Mbps makes it ideal for bandwidth consuming or interruption sensitive applications like video streaming, online gaming and VoIP calling
- Backward compatible with 802.11b/g products
- MIMO™ technology provides robust high-bandwidth wireless Tx/Rx capability at further range
- Supports multiple operating modes (Access Point, Repeater (Range Extender), Bridge with AP, Client, Multi-SSID)
- WPA/WPA2 encryptions provide your network with active defense against security threats
- Supports Wi-Fi Multimedia (WMM) assures the quality of VoIP and multimedia streaming
- Up to 30 meters (100 feet) of flexible deployment with included Passive Power over Ethernet Injector
- Up to 4 SSIDs and VLAN support, it allows networks administrator to segregate different services or applications to different designated users
- External detachable antennas allow for better alignment and stronger antenna upgrades
- Wall mounted available, also can be placed horizontally on a table or desk



#### ⦿ Description

The TP-LINK Wireless N Access Point TL-WA901ND is designed to establish or expand a scalable high-speed wireless N network or to connect multiple Ethernet enabled devices such as game consoles, digital media adapters, printers, or network attached storage devices to a wireless network. The AP supports a host of different functions that makes your wireless networking experience more flexible than ever before. Now, you can enjoy a better Internet experience when downloading, gaming, video streaming or with any other application that you may wish to use.

## Specifications

HARDWARE FEATURES	
Interface	1 * 10/100M Ethernet Port (RJ45) Support Passive PoE
Button	Power On/Off Button WPS Button Reset Button
External Power Supply	12VDC / 1A
Wireless Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Dimensions (Wx Dx H)	7.67*5.12*1.43 in.( 194.82*129.93*36.2mm)
Antenna Type	3*5dBi Detachable Omni Directional (RP-SMA)
WIRELESS FEATURES	
Frequency	2.4-2.4835GHz
Signal Rate	11n: Up to 450Mbps(dynamic) 11g: Up to 54Mbps(dynamic) 11b: Up to 11Mbps(dynamic)
EIRP	<20dBm(EIRP)
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 Modes	Access Point Repeater (Range Extender) Bridge with AP Client Multi-SSID
Wireless Functions	Enable/Disable Wireless Radio WDS Bridge MAC Address Filter
Wireless Security	64/128/152-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK
Quality of Service	WMM
Management	SNMP
Advanced Functions	Up to 30 meters Passive PoE is supported

OTHERS	
Certification	CE, FCC, RoHS
System Requirements	Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7/8, MAC OS, NetWare, UNIX or Linux.
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

## Diagram:



## Package Contents

- 450Mbps Wireless Access Point TL-WA901ND
- 3 Detachable Omni Directional Antennas
- Power Supply Unit
- Passive PoE Power Injector
- Quick Installation Guide

## Related Products

- 300Mbps High Gain Wireless USB Adapter TL-WN822N
- 300Mbps Wireless N USB Adapter TL-WN821N
- 300Mbps Wireless N PCI Adapter TL-WN851ND
- ADSL2+ Modem Router TD-8816