300Mbps Wireless N Access Point

TL-WA801ND

◉ Features：

- Wireless N speed up to 300Mbps 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 operation modes, including Access Point, Multi-SSID, Client, Repeater and Bridge

- Easily setup an encrypted secure connection at a push of the WPS button

- 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-WA801ND 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 APs support 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	One 10/100M Ethernet Port (RJ45) Support Passive PoE
Button	Power On/Off Button WPS Button Reset Button
External Power Supply	9VDC / 0.6A
Wireless Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Dimensions (Wx Dx H)	7.1× 4.9× 1.4 in. (181× 125× 36mm)
Antenna Type	2*5dBi Detachable Omni Directional (RP-SMA)
WIRELESS FEATURES	
Frequency	2.4-2.4835GHz
Signal Rate	11n: Up to 300Mbps(dynamic) 11g: Up to 54Mbps(dynamic) 11b: Up to 11Mbps(dynamic)
EIRP	CE: <20dBm FCC: <30dBm
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	AP Mode Multi-SSID Mode Client Mode Repeater Mode (WDS/Universal) Bridge with AP Mode
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

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OTHERS	
Certification	CE, FCC, RoHS
System Requirements	Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7, MAC OS, NetWare, UNIX or Linux.
Environment	Operating Temperature: 0℃~40℃ (32°F~104°F) Storage Temperature: -40℃~70℃ (-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

◉ Diagram:

Wired

Wireless

Internet

TL-WN821N
300Mbps Wireless N USB Adapter

TD-8816
ADSL2+ Modem Router

TL-WA801ND
AP Mode

TL-WN822N
300Mbps High Gain Wireless
USB Adapter

TL-WA801ND
Repeater Mode

TL-WN851ND
300Mbps Wireless N PCI Adapter

Tablets

Package:

- 300 Mbps Wireless Access Point TL-WA801ND
- 2 Detachable Omni Directional Antennas
- Power Supply Unit
- Passive PoE Power Injector
- Resource CD
- 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

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