TP-LINK®

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:

Interface One 10/100M Ethernet Port (RJ45) Support Passive PoE Power On/Off Button WFS Button Reset Button WFS Button Wireless Standards IEEE 802.11g, IEEE 802.11b 71x 4.9x 1.4 in. (181x 125x 36mm) Antenna Type 2*5d8i Detachable Omni Directional (RP-SMA) WIRELESS FEATURES Frequency 2.4-2.4385GHz 11r: Up to 300Mbps(dynamic) 11g: Up to 54Mbps(dynamic) 11g: Up to 54Mbps(dynamic) 11b: Up to 11Mbps(dynamic) EIRP CE: 20d8m 270% -68d8m@10% PER 130% -68d8m@10% PER 130% -68d8m@10% PER 11M: -85d8m@10% PER 11M: -85d8m@10% PER 11M: -85d8m@10% PER 11M: -85d8m@10% PER 11M: -90d8m@8% PER AP Mode Muti-SSID Mode Client Mode Repeater Mode (WDS/Universal) Bridge with AP Mode Fnable/Disable Wireless Radio Wireless Functions Wireless Functions Wireless Security G4/12R/152-bit WFP, WPA/WPAJ, WPA-PSK/WPAZ-PSK WMM Management SNMP Advanced Functions Up to 30 meters Passive PoE is supported	HARDWARE FEATURES	
Support Passive PoE Power On/Off Button Power On/Off Button Reset Button WFS Button Reset Button Wireless Standards IEEE 802.11n, IEEE 802.11b Dimensions (WX Dx H) Antenna Type 2*5d8i Detachable Omni Directional (RP-SMA) WIRELESS FEATURES Frequency 2.4-2.4835GHz 11n; Up to 300Mbps(dynamic) 11g; Up to 54Mbps(dynamic) 11b; Up to 11Mbps(dynamic) EIRP CE: <20dBm 270M: -68dBm@10% PER 130M: -68dBm@10% PER 130M: -68dBm@10% PER 130M: -68dBm@10% PER 110M: -85dBm@8% PER 6M: -88dBm@10% PER 11M: -85dBm@8% PER 6M: -88dBm@10% PER 11M: -85dBm@8% PER AP Mode Multi-SSID Mode Client Mode Client Mode Wireless Modes Wireless Functions Wireless Functions Wireless Security Ouality of Service WiMM Management SNMP		One 10/100M Ethernet Port (RJ45)
Button External Power Supply 9VDC 7 0.6A Wireless Standards IEEE 802.11n, IEEE 802.11g, IEEE 802.11b Dimensions (Wx Dx H) Antenna Type 2*5dBi Detachable Omni Directional (RP-SMA) WIRELESS FEATURES Frequency 2.4-2.4835GHz 11n: Up to 300Mbps(dynamic) 11g: Up to 54Mbps(dynamic) 11b: Up to 11Mbps(dynamic) EIRP CE: <20dBm 270M: -68dBm@10% PER 130M: -68dBm@10% PER 130M: -68dBm@10% PER 130M: -68dBm@10% PER 1111: -85dBm@8% PER 6M: -88dBm@10% PER 11M: -95dBm@8% PER 6M: -88dBm@10% PER 11M: -90dBm@8% PER 6M: -88dBm@10% PER 11M: -85dBm@8% PER 6M: -88dBm@	Interface	Support Passive PoE
Reset Button	Button	Power On/Off Button
External Power Supply 9VDC / 0.6A		WPS Button
Wireless Standards IEEE 802.11n, IEEE 802.11g, IEEE 802.11b Dimensions (Wx Dx H) 7.1x 4.9x 1.4 in. (181x 125x 36mm) Antenna Type 2*5dBi Detachable Omni Directional (RP-SMA) WIRELESS FEATURES Frequency 2.4-2.4835GHz 11n: Up to 300Mbps(dynamic) 11g: Up to 54Mbps(dynamic) 11b: Up to 11Mbps(dynamic) EIRP CE: <20dBm		Reset Button
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Frequency 2.4-2.4835GHz 11n: Up to 300Mbps(dynamic) Signal Rate 11g: Up to 54Mbps(dynamic) 11b: Up to 54Mbps(dynamic) 11b: Up to 11Mbps(dynamic) EIRP CE: <20dBm 270M: -68dBm@10% PER 130M: -68dBm@10% PER 130M: -68dBm@10% PER 11M: -95dBm@8% PER 6M: -88dBm@10% PER 11M: -95dBm@8% PER 6M: -88dBm@10% PER 11M: -90dBm@8% PER 6M: -88dBm@10% PER 11M: -90dBm@8% PER Wireless Modes Wireless Functions Wireless Functions Wireless Functions Wireless Security 64/128/152-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK Wincless Functions WMM Management SNMP	Dimensions (Wx Dx H)	7.1× 4.9× 1.4 in. (181× 125× 36mm)
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CE: <20dBm		11g: Up to 54Mbps(dynamic)
270M: -68dBm@10% PER		11b: Up to 11Mbps(dynamic)
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Reception Sensitivity 54M: -68dBm@10% PER 11M: -85dBm@8% PER 6M: -88dBm@10% PER 1M: -90dBm@8% PER AP Mode Multi-SSID Mode Client Mode Repeater Mode (WDS/Universal) Bridge with AP Mode Enable/Disable Wireless Radio Wireless Functions Wireless Functions Wireless Security 64/128/152-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK Quality of Service WMM Management SNMP		130M: -68dBm@10% PER
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Wireless Modes Repeater Mode (WDS/Universal) Bridge with AP Mode Enable/Disable Wireless Radio WDS Bridge MAC Address Filter Wireless Security Quality of Service Management SNMP		Multi-SSID Mode
Repeater Mode (WDS/Universal) Bridge with AP Mode 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		Client Mode
Wireless Functions Wireless Functions WDS Bridge MAC Address Filter Wireless Security Quality of Service Management Enable/Disable Wireless Radio WDS Bridge MAC Address Filter 64/128/152-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK WMM SNMP		Repeater Mode (WDS/Universal)
Wireless Functions WDS Bridge MAC Address Filter Wireless Security 64/128/152-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK Quality of Service MMM Management SNMP		Bridge with AP Mode
MAC Address Filter Wireless Security 64/128/152-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK Quality of Service WMM Management SNMP	Wireless Functions	Enable/Disable Wireless Radio
Wireless Security 64/128/152-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK Quality of Service WMM Management SNMP		WDS Bridge
Quality of Service WMM Management SNMP		MAC Address Filter
Management SNMP	Wireless Security	64/128/152-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK
	Quality of Service	WMM
Advanced Functions Up to 30 meters Passive PoE is supported	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,
	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:

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