300Mbps Wireless N Access Point
TL-WA801ND

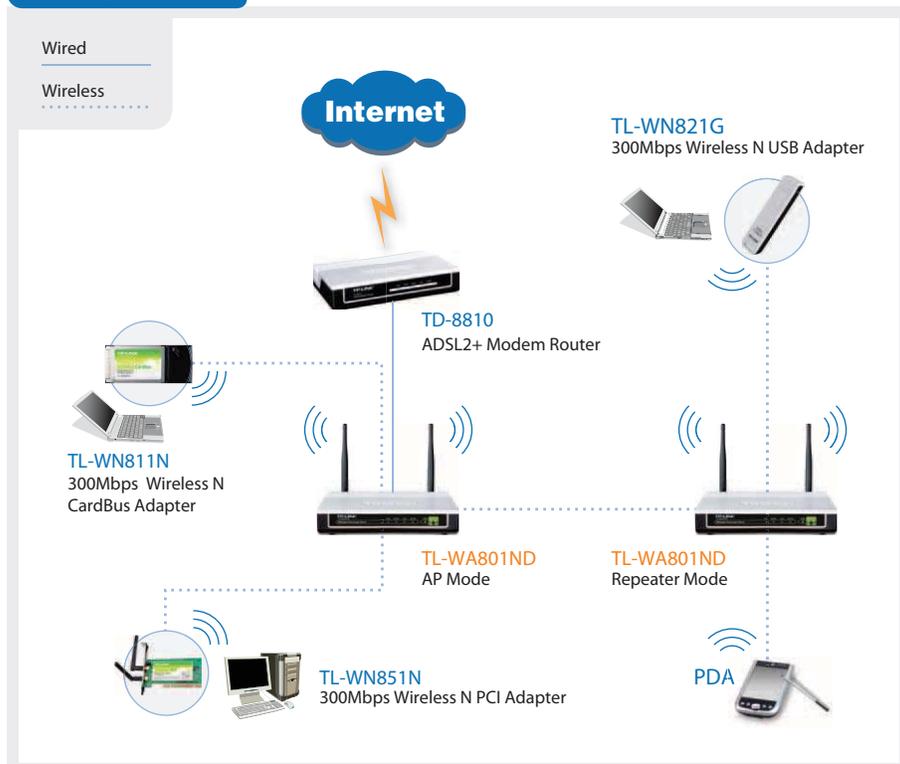| 300Mbps wireless transmission rate, brings smooth wireless N experience	Supports multiple operating modes (Access Point, Client, Universal/ WDS Repeater, Wireless Bridge)	Up to 30 meters Power over Ethernet capability for flexible deployment

Description:

TP-LINK's Wireless N Access Points TL-WA801ND are designed to establish or expand a scalable high-speed wireless N network to connect multiple Ethernet enabled devices such as game consoles, Digital Media Adapters, Printers, or Network Attached Storage devices to an existing wireless network. They provide incredibly high wireless performance----15x the speed and 5x the range of wireless G, guarantying multiple users more freedom to enjoy a great wireless Internet experience in the home, office, cafe or even a hotel or airport.

Specifications:

Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Interface	One Ethernet Port(RJ45) Supporting Passive PoE
Wireless Signal Rates With Automatic Fallback	11n: Up to 300Mbps(dynamic) 11g: Up to 54Mbps(dynamic) 11b: Up to 11Mbps(dynamic)
Frequency Range	2.4-2.4835GHz
Wireless Transmit Power	20dBm(Max)
Antenna	4dBi detachable Omni directional antenna x 2
Modulation Technology	IEEE 802.11b: DQPSK, DBPSK, DSSS, and CCK IEEE 802.11g: BPSK, QPSK, 16QAM, 64QAM, OFDM
Receiver Sensitivity	270M: -68dBm@10% PER 130M: -68dBm@10% PER 11M: -85dBm@8% PER 6M: -88dBm@10% PER 1M: -90dBm@8% PER 256K: -105dBm@8% PER
Power Supply Unit	Input: localized to country of sale Output: 12VDC / 1A Switching PSU
Operating temperature	0°C~40°C (32°F~104°F)
Storage temperature	-40°C~70°C (-40°F~158°F)
Relative humidity	10% ~ 90%, non condensation
Storage Humidity	5%~95% non-condensing
Dimensions	6.9*4.7*1.1 in.(174*120*28.8mm)

Features:

- Wireless N speed up to 300Mbps makes it ideal for high bandwidth consuming or interruption sensitive applications like video streaming, online gaming and VoIP
- 2T2R MIMO™ technology provides robust high-bandwidth wireless Tx/Rx capability at further range
- CCA™ improves wireless performance while automatically avoiding channel con☒ict
- Easily setup a WPA encrypted secure connection at a push of the QSS button
- Supports Wi-Fi Multimedia (WMM) assures the quality of VoIP and multimedia streaming
- Supports multiple operating modes (Access Point, Client, Universal/WDS Repeater, Point to Point, Point to Multi-point)
- Supports up to 30 meters of Power over Ethernet capability for flexible performance
- Up to 4 SSIDs and VLAN support, it allows networks administrator to segregate different services or applications to different designated users
- WPA/WPA2 encryptions provide your network with active defense against security threats
- Fully compatible with 802.11b/g products
- Detachable antenna allows for stronger antenna upgrades

Diagram:

Wired

Wireless

Internet

TL-WN821G
300Mbps Wireless N USB Adapter

TD-8810
ADSL2+ Modem Router

TL-WN811N
300Mbps Wireless N CardBus Adapter

TL-WA801ND
AP Mode

TL-WA801ND
Repeater Mode

TL-WN851N
300Mbps Wireless N PCI Adapter

PDA

Package:

- 300Mbps Wireless N Access Point TL-WA801ND
- Power Injector
- RJ-45 Ethernet Cable
- Quick Installation Guide
- Power Adapter
- Resource CD

Related Products:

- ADSL2+ Modem Router TD-8810
- Wireless N USB Adapter TL-WN821N
- Wireless N CardBus Adapter TL-WN811N

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