

## Wireless N USB Adapter TL-WN821N



Portable, Flexible, Reliable,  
brings smooth  
Wireless N experience

Adopts MIMO, CCA™ technology,  
brings competitive performance  
in 11n routers

QSS, Quick Secure Setup,  
complies with WPS for  
effortless wireless security setup



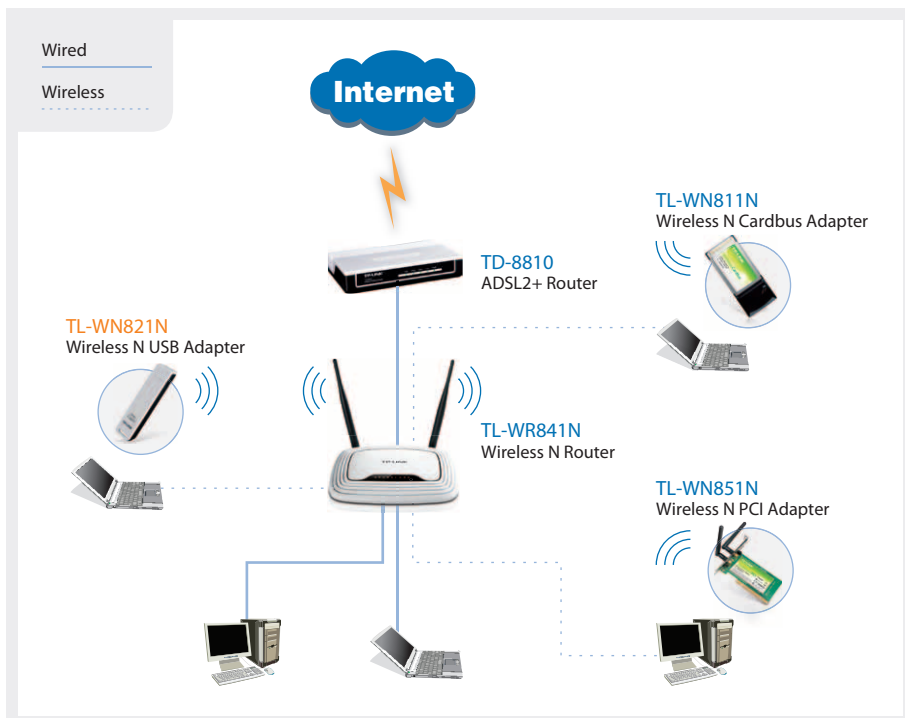
### Description:

The TL-WN821N Wireless N USB Adapter complies with IEEE 802.11n, IEEE 802.11g, and IEEE 802.11b standards. Wireless transmission rates can reach up to 300Mbps. The USB adapter with internal Omni-directional antennas works well with other 11g and 11n protocol wireless products and adopts MIMO technology which can bring a faster, wider, and more stable wireless experience. This product can also simultaneously operate bandwidth intensive applications using a lot of bandwidth which are sensitive to interruption. When using multiple bandwidth intensive applications, the most sensitive of these applications can be given priority over the others to be allocated more bandwidth in order to assure quality.

## Specifications:

Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b, CSMA/CA with ACK
Interface	USB 2.0
Wireless Signal Rates With Automatic Fallback	11n: 270/243/216/162/108/81/54/27Mbps 135/121.5/108/81/54/40.5/27/13.5Mbps 130/117/104/78/52/39/26/13Mbps 65/58.5/52/39/26/19.5/13/6.5Mbps 11g: 54/48/36/24/18/12/9/6M (adaptive) 11b: 11/5.5/2/1M (adaptive)
Frequency Range	2.4-2.4835GHz
Wireless Transmit Power	20dBm(MAX)
Modulation Type	OFDM/CCK/16-QAM/64-QAM
Receiver 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
Antenna Type	Omni Directional, internal
Wireless Security	64/128/152 bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Certifications	CE, FCC
Support Operating System	Windows 7/Vsita/XP/2000
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	3.7 x 1.0 x 0.4 (in.) 93.5mm x 26mm x 11mm

## Diagram:



## Features:

- USB 2.0 connector
- Provides Infrastructure and Ad-Hoc modes
- 300M wireless transmission rate, adopts MIMO, CCA™ technology, allows for faster speed, further wireless coverage, more stable performance
- Quick Secure Setup, complies with WPS for worry free wireless security
- Supports 64/128/152 strength WEP encryptions, as well as WPA/WPA2 and WPA-PSK/WPA2-PSK encryptions and mechanisms
- Web-site Configuration and monitoring
- Supports Roaming technology, guarantees efficient wireless connections.
- Supports Windows 7/Vsita/XP/2000

## Package:

- Wireless N USB Adapter TL-WN821N
- Quick Setup Guide
- Resource CD, including:
  - TL-WN821N Wireless Client Utility and Drivers
  - User Guide
  - Other Helpful Information

## Related Products:

- Wireless N Router TL-WR941ND
- Wireless N Router TL-WR841ND
- Wireless N PCI Adapter TL-WN851N
- 108M Wireless ADSL2+ Router TD-W8920G

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