TP-LINK®

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







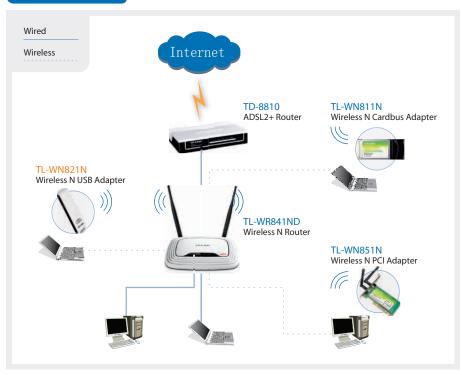
Description:

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
	11n: 270/243/216/162/108/81/54/27Mbps
	135/121.5/108/81/54/40.5/27/13.5Mbps
Wireless Signal Rates	130/117/104/78/52/39/26/13Mbps
With Automatic Fallback	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
	270M: -68dBm@10% PER
	130M: -68dBm@10% PER
	108M: -68dBm@10% PER
Receiver Sensitivity	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	3.4 x 1.0 x 0.5 (in.) 86mm x 26mm x 12mm

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

Specifications are subject to change without notice. TP-LINK is a registered trademark of TP-LINK Technologies Co., Ltd. Other brands and product names are trademarks or registered trademarks of their respective holders. No part of the specificationsmay be reproduced in any form or by any means or used to make any derivative such as translation, transformation, or adaptation without permission from TP-LINK Technologies Co., Ltd.