

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	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 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
Receiver Sensitivity	Omni Directional, internal
Antenna Type	64/128/152 bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Wireless Security	CE, FCC
Certifications	Windows 7/Vsita/XP/2000
Support Operating System	0°C~40°C (32°F~104°F)
Operating Temperature	-40°C~70°C (-40°F~158°F)
Storage Temperature	10% ~ 90%, non condensation
Relative Humidity	5%~95% non-condensing
Storage Humidity	3.7 x 1.0 x 0.4 (in.) 93.5mm x 26mm x 11mm
Dimensions	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 specifications may 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.

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