



# **TL-WN881ND**

## User Guide

300Mbps Wireless N PCI Express Adapter

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# About This Guide

This guide is a complement to Quick Installation Guide. The Quick Installation Guide instructs you on quick Internet setup, and this guide provides details of each function and shows you the way to configure these functions appropriate to your needs.

When using this guide, please notice that features of the adapter may vary slightly depending on the model and software version you have. All screenshots, images, parameters and descriptions documented in this guide are used for demonstration only.

## Conventions

In this guide, the following conventions are used:

Convention	Description
<i>Teal Italic</i>	Hyperlinks are in teal italic. You can click to redirect to a website or a specific section.
Teal	Contents to be emphasized and texts on the web page are in teal, including the menus, items, buttons, etc.
■ Note:	Ignoring this type of note might result in a malfunction or damage to the device.
◆ Tips:	Indicates important information that helps you make better use of your device.

## More Info

- The latest software and utility can be found at [Download Center](http://www.tp-link.com/support) at <http://www.tp-link.com/support>.
- The Quick Installation Guide (QIG) can be found where you find this guide or inside the package of the product.
- Specifications can be found on the product page at <http://www.tp-link.com>.
- A Technical Support Forum is provided for you to discuss our products at <http://forum.tp-link.com>.
- Our Technical Support contact information can be found at the [Contact Technical Support](http://www.tp-link.com/support) page at <http://www.tp-link.com/support>.

## Chapter 1

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# Get to Know About Your Adapter

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This chapter introduces what the adapter can do and shows its appearance.

This chapter contains the following sections:

- *Product Overview*
- *LED Status*

## 1.1. Product Overview

The TP-Link Wireless PCI Express Adapter connects your desktop computer to a Wi-Fi network for lag-free video streaming, online gaming, secure Internet surfing and Internet calls.

## 1.2. LED Status



You can check the adapter's working status by following the LED Explanation table.

Status	Indication
Off	The driver has not been installed. The adapter's radio has been disabled.
Flashing Slowly	The driver has been installed but no data is being transmitted or received.
Flashing Quickly	Data is being transmitted or received.

◆ Tips:

If the LED is off, try these troubleshooting tips:

1. Remove and reinstall the adapter.
2. Check the Windows device manager to see if the adapter is recognized and enabled. Reinstall the adapter software, if necessary.

## Chapter 2

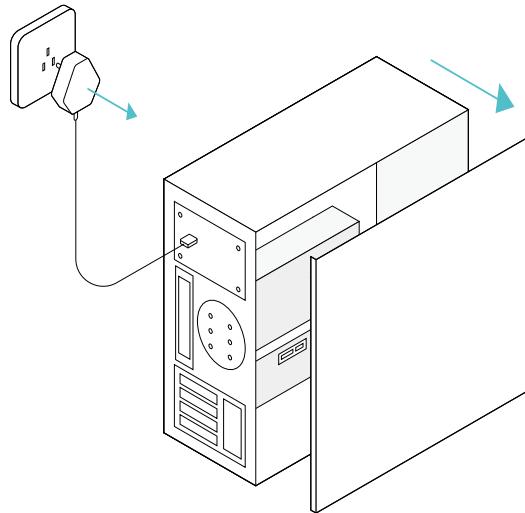
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# Connect to a Computer

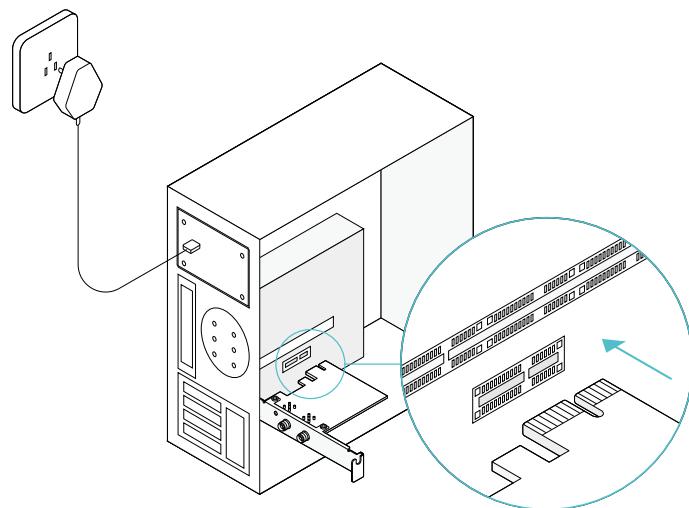
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Before you begin using your adapter, insert the adapter into your computer by following these steps.

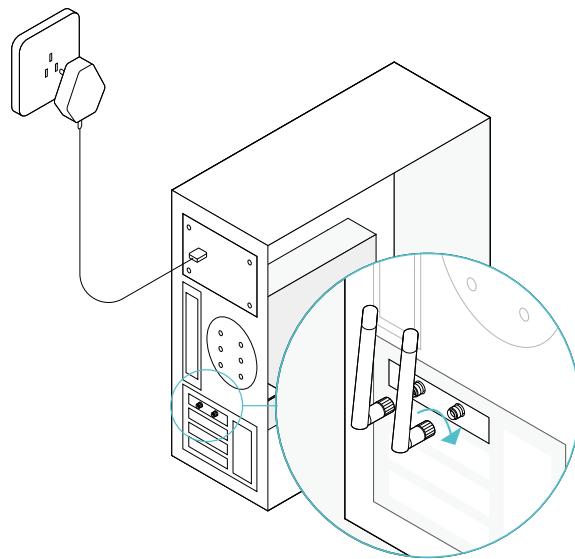
1. Unplug the power cable and remove the case panel.



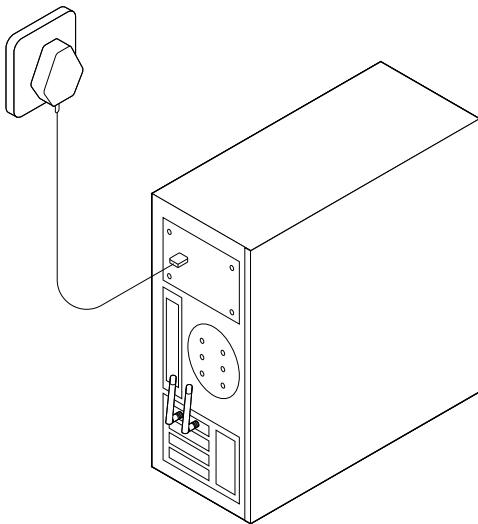
2. Locate an available PCI-E slot and carefully insert the adapter.



3. Connect the antenna to the adapter.



4. Replace the case panel, plug in the power cable and turn on your computer.



## Chapter 3

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# Use Your Adapter

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This chapter introduces how to install your adapter's driver, use your adapter to join a wireless network, and uninstall your adapter. The adapter is equipped with a Setup wizard, which can guide you through the installation process.

This chapter includes the following sections:

- *Install Driver*
- *Join a Wireless Network*
- *Uninstall Driver*

### 3. 1. Install Driver

To set up your adapter with several easy steps quickly:

1. Insert the resource CD into your CD drive and run the [Autorun.exe](#).

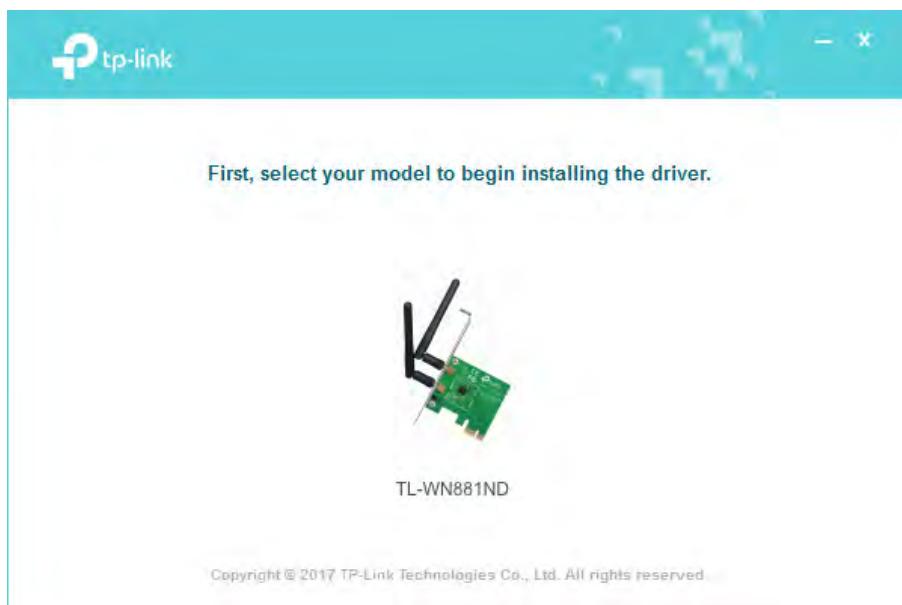
■ Note:

You can also download the driver from the product's Support page at [www.tp-link.com](http://www.tp-link.com).

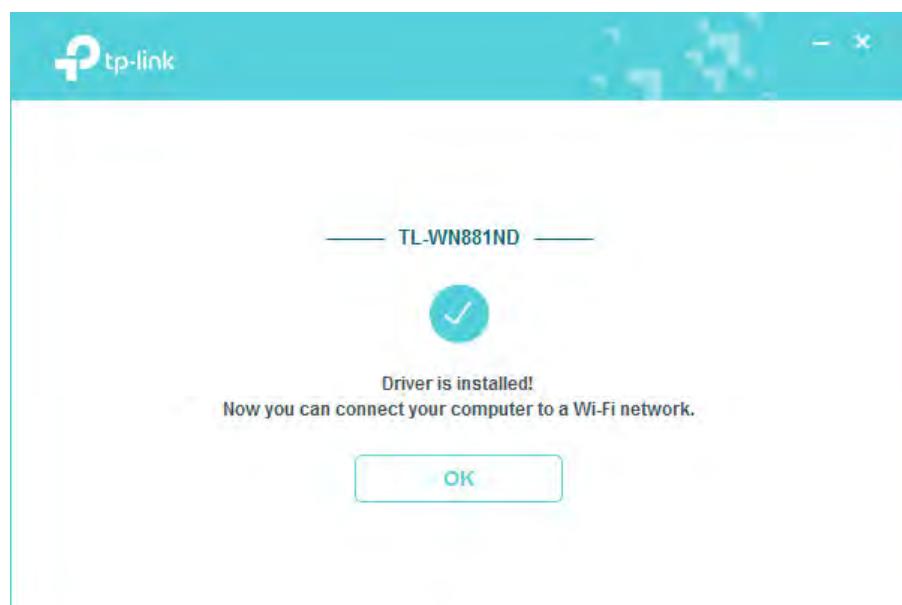
2. Select **TL-WN881ND** and follow the instructions to complete the installation.

■ Note:

If you can't install the driver successfully, disable the antivirus software and firewall, then try again..



When the following screen appears, the driver has been installed successfully.



## 3. 2. Join a Wireless Network

You can join a wireless network via Windows built-in Wireless Utility.

Follow the instructions below to use your computer system's built-in wireless utility:

1. Click  ,  or  (Network icon) on the taskbar. Select the Wi-Fi network you want to join, and click [Connect](#). Enter the network password when prompted.
2. When the network icon changes to  or  , it indicates a successful network connection.

## 3. 3. Uninstall Driver

The software uninstallation steps vary a bit in different systems, please follow the appropriate instructions for your Windows operating system: [Windows 8/8.1/10](#), [Windows 7](#).

- **Windows 8/8.1/10**

Go to [Start](#) > [Apps](#), find the TP-Link application. Click [Uninstall TP-Link TL-WN881ND Driver](#), then follow the on-screen instructions to complete the uninstallation.

- **Windows 7**

Go to [Start](#) > [All Programs](#) > [TP-Link](#) > [Uninstall TP-Link TL-WN881ND Driver](#). Follow the on-screen instructions to complete the uninstallation.

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## FCC STATEMENT



This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1 ) This device may not cause harmful interference.
- 2 ) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

### FCC RF Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

"To comply with FCC RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter."

## CE Mark Warning



This is a class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

## RF Exposure Information

This device meets the EU requirements (2014/53/EU Article 3.1a) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

The device complies with RF specifications when the device used at 20 cm from your body.

## Canadian Compliance Statement

This device complies with Industry Canada license-exempt RSSs. Operation is subject to the following two conditions:

- 1 ) This device may not cause interference, and
- 2 ) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1 ) l'appareil ne doit pas produire de brouillage;
- 2 ) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This radio transmitter (IC: 8853A-WN881NDV2) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présent émetteur radio (IC: 8853A-WN881NDV2) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal d'antenne. Les types d'antenne non inclus dans cette liste, ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	TP-Link	3101501266	Dipole Antenna	Reversed-SMA	1.83
2	TP-Link	3101501266	Dipole Antenna	Reversed-SMA	1.83

## **Radiation Exposure Statement:**

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

## **Déclaration d'exposition aux radiations:**

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

## **Industry Canada Statement**

CAN ICES-3 (B)/NMB-3(B)

## **Korea Warning Statements**

당해 무선설비는 운용중 전파혼신 가능성이 있음.

## **NCC Notice**

注意！

依據 低功率電波輻射性電機管理辦法

第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性或功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信規定作業之無線電信。低功率射頻電機需忍受合法通信或工業、科學以及醫療用電波輻射性電機設備之干擾。

## **BSMI Notice**

安全諮詢及注意事項

- 請使用原裝電源供應器或只能按照本產品注明的電源類型使用本產品。
- 清潔本產品之前請先拔掉電源線。請勿使用液體、噴霧清潔劑或濕布進行清潔。
- 注意防潮，請勿將水或其他液體潑灑到本產品上。
- 插槽與開口供通風使用，以確保本產品的操作可靠並防止過熱，請勿堵塞或覆蓋開口。
- 請勿將本產品置放於靠近熱源的地方。除非有正常的通風，否則不可放在密閉位置中。
- 請不要私自打開機殼，不要嘗試自行維修本產品，請由授權的專業人士進行此項工作。



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### Safety Information

- When product has power button, the power button is one of the way to shut off the product; when there is no power button, the only way to completely shut off power is to disconnect the product or the power adapter from the power source.
- Don't disassemble the product, or make repairs yourself. You run the risk of electric shock and voiding the limited warranty. If you need service, please contact us.
- Avoid water and wet locations.

### Explanation of the symbols on the product label

Symbol	Explanation
	<p>RECYCLING</p> <p>This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.</p> <p>User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.</p>