

## **TD8811CU1-2A**

**Model No.: TD8811CU1-2A**



### **1. Description:**

TD8811CU1-2A Wireless-N USB 2.0 Adapter allows you to connect your laptop or desktop to any Wireless-N networks in your home or office. The Wireless-N (802.11n) USB 2.0 Adapter is great for those who want to upgrade older computers to be able to access the internet over a Wireless-N network. At 5 times faster than traditional Wireless-G (802.11b) networks, Wireless-N networks allow for high speed data transfers, online gaming, and lightning fast downloads. The Wireless-N USB 2.0 Adapter gives you access to all the high-speed features of Wireless-N networks on older and newer computers. Its simple and easy setup means you'll be surfing the internet, downloading movies, and e-mail in no time.

### **2. Features:**

- \* RTL8811CU Chipset
- \* Mini portable USB 2.0 design.
- \* Wireless N speed up to 433.3Mbps, ideal for internet surfing and online gaming.
- \* Complies with IEEE 802.11n (Draft 2.0), IEEE 802.11g, IEEE 802.11b standards.
- \* Provides two work modes: Infrastructure and Ad-Hoc.
- \* MIMO technology makes wireless transmission rates up to 433.3Mbps wifi antenna.
- \* 433.3Mbps Wireless Wifi USB Dongle/Wireless USB Adapter/Wireless Network Card
- \* CCA technology enhances your signal stability by automatically avoiding channel conflicts.
- \* Quick secure setup, complies with WPS for worry free wireless security.

- \* Wireless security encryption easily at a push Of QSS button.
- \* Supports 64/128-bit WEP, as well as WPA/WPA2 and WPA-PSK/WPA2-PSK encryptions.
- \* Supports WIN2K, XP, VISTA, WIN7, MAC, LINUX operating system.
- \* Supports wireless roaming technology for high-efficient wireless connections.
- \* Seamlessly compatible with 802.11b/g/n devices.

### 3. Specification:

Hardware	
Interface	1 X USB 2.0 Port
Chipset	RTL8811CU
Product Weight	0.02kg
Package Weight	0.05kg
Product Size	119x21.8x16.3mm
Package Size	148*95*22mm
Package	Wireless Adapter,Resource CD
Wireless	
Standard	IEEE 802.11g, IEEE 802.11b, IEEE 802.11n
Speed	802.11n: 6.5-150Mbps 802.11g: 6/9/12/18/24/36/48/54 802.11b: 1/2/5.5/11Mbps
Frequency	2.4 ~ 2.4835GHz 5.150~5.850GHz
Transmit Power	100mw
Security	WPA-PSK/WPA2-PSK, WPA/WPA2, 64/128/152bit WEP encryption
Reception Sensitivity	150M: -68dBm@10%PER 130M: -68dBm@10%PER 108M: -68dBm@8%PER 54M: -68dBm@10%PER 11M: -85dBm@8%PER 6M: -88dBm@10%PER 1M: -90dBm@8%PER
Wireless Modes	Wireless Client, Soft AP, Client + AP
Software	
OS Support	Windows XP/XP64/Vista/Vista64 Windows 7/Windows7 x64 Windows 8 MAC OS, Linux
Environment	Operating Temperature: 0°C~70°C Storage Temperature: -40°C~125°C Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~95% non-condensing

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

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: 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.

#### RF Exposure Statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.