



## WL0010 TL-WN551G

### Spotlight

- IEEE 802.11g Wireless PCI Adapter.
- Up to 54Mbps and fully compatible with 802.11b.
- Extended Range, up to 9 times than the range of normal wireless products.

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### Description

Complying with IEEE802.11g, the TL-WN551G adopts **TP-LINK i° Extended Range;± WLAN transmission technologies, resulting in transmission distances of 2-3 times that of normal 11b, 11g products, transmission range is extended from 4-9 times.**

The TL-WN551G provides multi security protection. Complying with 64/128/152-bit WEP Encryption, WPA/WPA2, IEEE802.1X, TKIP and AES, the TL-WN551G has super-safety data communication ability. With it's strong firewall, the TL-WN551G features effective security to protect the wireless network from intruders.

With the external antenna, the TL-WN551G can adapt to different operational environments and let the user connect to the Wireless network easily. The TL-WN551G also supports Seamless Roaming and is compatible with other 11b, 11g WLAN equipment.

### Features

- **Complies with IEEE802.11g, IEEE802.11b**
- **Adopts TP-LINK Extended Range™ WLAN transmission technology, transmission distance is 2-3 times of the normal 11b, 11g products, transmission range extended to 4-9 times.**
- **Transmit Speed and Auto-Negotiation, up to 54M**
- **32-bit PCI connector**
- **Provides 64/128/152-bit WEP Encryption,**
- **Supports WPA/WPA2, IEEE802.1X, TKIP, AES**
- **Supports Windows 98SE, ME, 2000, XP**
- **Provides simple configuration and supervisor program**
- **Supports Ad-Hoc/Infrastructure modes**
- **Supports Wireless Roaming, can move among different AP and no break**
- **Detachable reverse SMA connector Antenna**

### Specifications

Protocol and Standards	IEEE 802.11g; IEEE 802.11b; CSMA/CA with ACK
Interface	32-bit PCI

Frequency	2.4~2.4835GHz
Radio Data Rate	54/48/36/24/18/12/9/6/11/5.5/3/2/1Mbps (Auto Rate Sensing)
Spread Spectrum	DSSS
Modulation	1M DBPSK; 2M DQPSK; 5.5M, 11M CCK; 6M, 9M, 12M, 18M, 24M, 36M, 48M, 54M OFDM;
Transmission Distance	Indoor up to 100m, outdoor up to 300m (Standard transmission distance, it is limited in an environment). Indoor up to 200m, Outdoor up to 830m (Adopt 2x to 3x eXtended Range™ WLAN transmission technology, it is limited in an environment)
Transmit Power	17dBm(Typical)
Data Security	WPA/WPA2; 64/128/152 BIT WEP; TKIP/AES
LED Indicator	Status
Power Consumption	Typically 685mA in full Transmit (TX), 515mA in full Receive (RX)
Safety & Emission	FCC, CE
Dimensions	5.2" x 4.8" x 0.9 in. (133 x 121 x 22 mm)
Environment	Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: -40~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~95% non-condensing
Operating System	Windows 98SE/ME/2000/XP