

54M Wireless PCI Adapter

Model: TL-WN551G



Description:

Complying with IEEE 802.11g, the TL-WN551G adopts TP-LINK extended Range™ WLAN transmission technology resulting in transmission distances of 4-9 times the signal coverage of traditional 11b/g products.

The TL-WN551G supports WEP and WPA encryption for connecting to a secure wireless network.

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 Roaming and is compatible with other 11b, 11g WLAN equipment.

Features:

- 32-bit PCI connector
- Supports Ad-Hoc/Infrastructure modes
- Supports 54/48/36/24/18/12/9/6Mbps or 11/5.5/2/1Mbps data transfer rates
- Adopts extended Range™ WLAN transmission technology, signal coverage is 4-9 times of the traditional 11b/g products
- Supports 64/128/152 strength WEP encryptions, as well as WPA/WPA2 and WPA-PSK/WPA2-PSK encryptions and mechanisms
- Supports Windows 2000, XP, Vista
- Provides simple configuration and supervisor program
- Detachable reverse SMA connector antenna
- LED indicator: status (green)

Standards	IEEE 802.11g, IEEE 802.11b
Interface	Standard 32-bit PCI 2.2 or higher
Wireless Signal Rates	11g:54/48/36/24/18/12/9/6 Mbps (Auto Rate Sensing)
With Automatic Fallback	11b:11/5.5/3/2/1 Mbps (Auto Rate Sensing)
Frequency Range	2.4-2.4835GHz
Wireless Transmit Power	18dBm (Max)
Modulation Type	1M DBPSK, 2M DQPSK, 5.5M/11M CCK, 6M/9M/12M/18M/24M/36M/48M/54M OFDM
Receiver Sensitivity	54M: -68dBm@10% PER 11M: -85dBm@8% PER 6M: -88dBm@10% PER 1M: -90dBm@8% PER
Antenna Type	Omni Directional, detachable
Antenna Power	2dBi
Security	64/128/152 bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Media Access Control	CSMA/CA with ACK
Range	Indoors up to 200m, Outdoors up to 830m.
Certifications	FCC, CE
Support Operating System	Windows 2000/XP/Vista
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	133 × 121 × 22 (mm) 5.2 × 4.8 × 0.9 (in.)

