



54M Wireless PCI Adapter TL-WN551G



Wireless Roaming,
can move among
different AP with no break

Adopts eXtended Range™ technology,
4-9 times the signal coverage
of traditional 11b/g products

Up to 54Mbps wireless rate
and fully compatible
with 802.11b.



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.

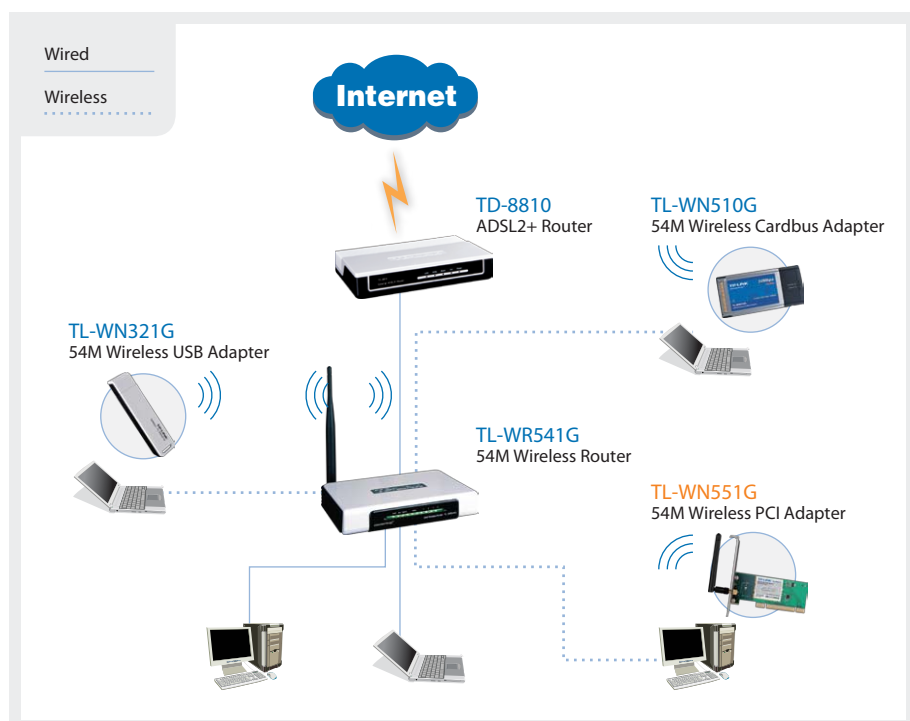
The TL-WN551G supports WEP and WPA encryption for connecting to a secure wireless network.

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.

Specifications:

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	17dBm(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	2dBm
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. (Adopts 2x to 3x Extended Range™ WLAN transmission technology, limited in different environment)
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.)

Diagram:



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(EAP-TLS, EAP-TTLS and PEAP) and WPA-PSK/WPA2-PSK(AES/TKIP) encryptions and mechanisms
- Supports Windows 2000, XP, Vista
- Provides simple configuration and supervisor program
- Detachable reverse SMA connector antenna
- LED indicator: status (green)

Package:

- 54M Wireless PCI Adapter TL-WN551G with detachable antenna
- Quick Setup Guide
- Resource CD, including:
 - TL-WN551G Wireless Client Utility and Drivers
 - User Guide
 - Other Helpful Information

Related Products:

- 54M Wireless USB Adapter TL-WN321G
- 54M Wireless Router TL-WR542G
- 54M Wireless ADSL2+ Router TD-W8910G

Specifications are subject to change without notice. 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.