



54M Wireless Cardbus Adapter TL-WN510G



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:

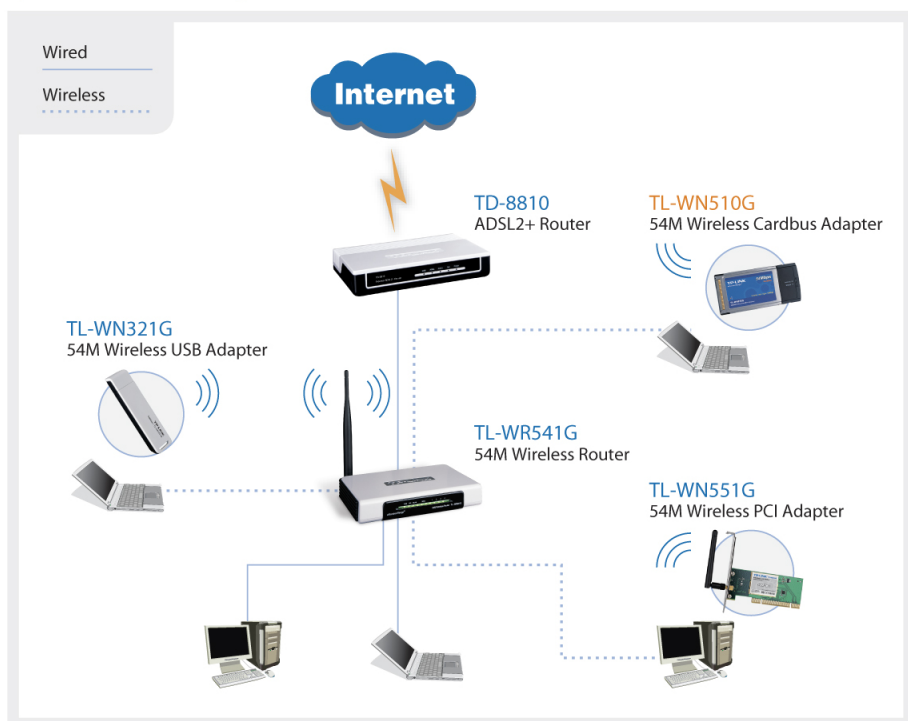
Complying with IEEE 802.11g, the TL-WN510G adopts TP-LINK eXtended Range™ WLAN transmission technology, resulting in transmission distances of 4-9 times the signal coverage of traditional 11b/g products. The TL-WN510G supports WEP and WPA encryption for connecting to a secure wireless network.

The TL-WN510G can fit different operation environments and let the user connect to the Wireless network easily. The TL-WN510G also supports Seamless Roaming and is compatible with other 11b, 11g WLAN equipments.

Specifications:

| | |
|--------------------------|--|
| Standards | IEEE 802.11g, IEEE 802.11b |
| Interface | 32-bit Cardbus |
| 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, internal |
| 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 | 4.5 × 2.1 × 2 in. (115 × 54 × 5 mm) |

Diagram:



Features:

- 32-bit Cardbus connector, for notebook PC
- 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
- Internal Omni-directional antenna

Package:

- 54M Wireless Cardbus Adapter TL-WN510G
- Quick Setup Guide
- Resource CD, including:
 - TL-WN510G 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

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