



## SUPER G™ & EXTENDED RANGE™ 108M WIRELESS PCI ADAPTER

### ACCESS THE INTERNET

Get your computer online with a faster Super G™ & range-max XR™ wireless connection

### TOTAL WIRELESS PROTECTION

Protect your personal information with easy-to-use wireless security features

### ENHANCED NETWORKING

High-speed wireless networking for sharing files, music, and photos



## ***ENHANCED WIRELESS PERFORMANCE***

Connect to a fast and secure wireless network by adding the TP-Link Super G™ & eXtended Range™ PCI Adapter (TL-WN651G) to your desktop or notebook PC. Access your network's high-speed Internet connection while also getting secure access to shared files, music, and photos from other computers in your network.

## ***SUPER G™ & EXTENDED RANGE™ TECHNOLOGY***

Built with Super G™ and eXtended Range™ Technology, this Wireless PCI Adapter delivers faster wireless signal rates and better reception than standard 802.11g devices. Having a faster connection gives you more time to enjoy listening to music and watching videos rather than spending time waiting for files to finish transferring. With better wireless reception, you can connect to the network from farther distances.

## ***TOTAL NETWORK SECURITY***

This PCI Adapter offers total network protection by supporting WEP and WPA encryption. These features safeguard your data and privacy by giving you access to a secure wireless network.

## ***EASY TO INSTALL AND USE***

Set up the Wireless PCI Adapter in minutes with TP-Link's Quick Setup Wizard. In addition, TP-Link's new utility detects available wireless networks so you can quickly connect to the network. It also keeps track of the networks used most often so that you can easily rejoin them. This Wireless PCI Adapter is backward compatible with 802.11g and 802.11b standards, ensuring compatibility with a wide range of wireless routers and networks.

Offering enhanced wireless performance and total network security, the TP-Link Super G™ & eXtended Range™ PCI Adapter (TL-WN651G) is an excellent choice for adding wireless connectivity to your desktop or notebook PC.

## ***WHAT THIS PRODUCT DOES***

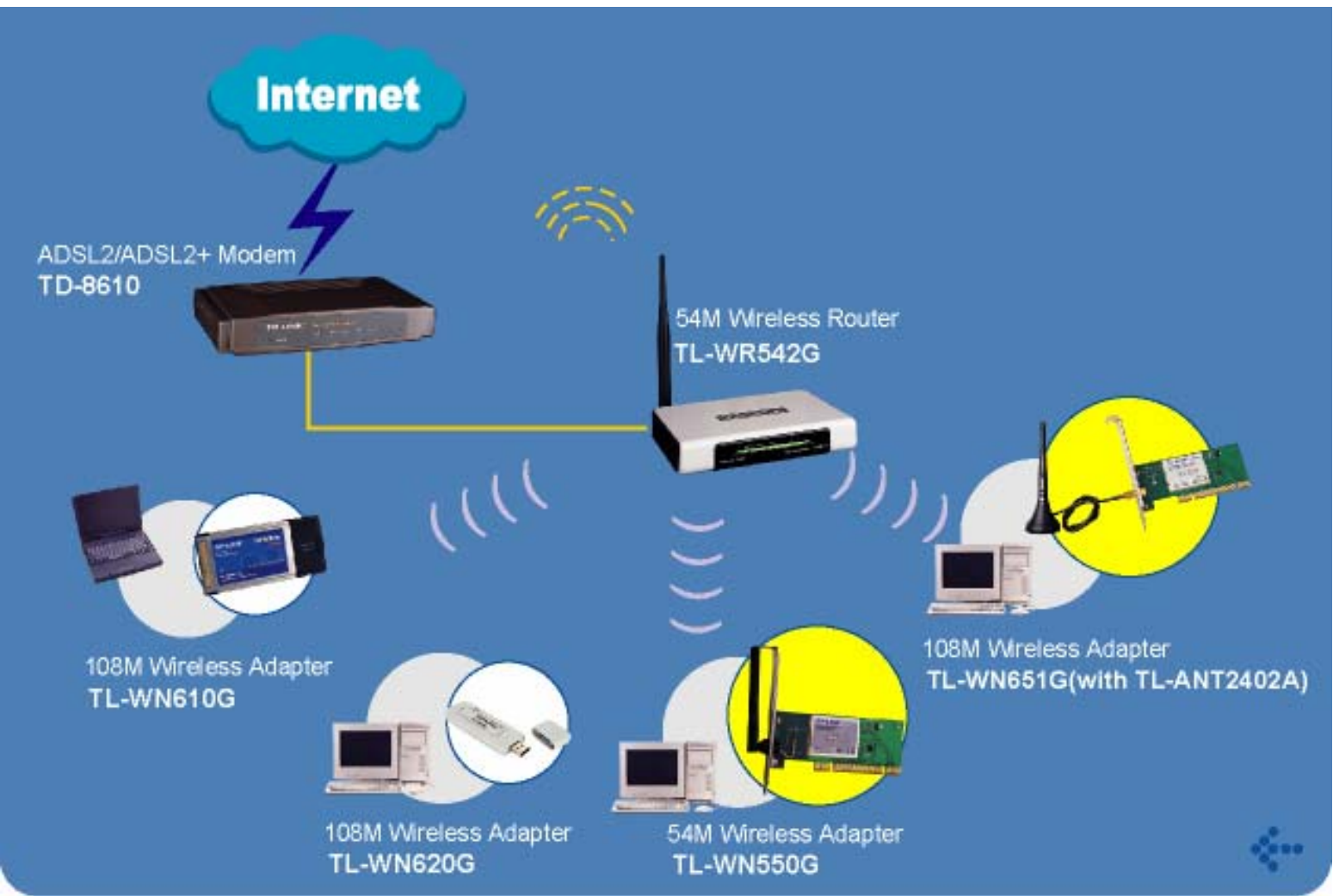
Get a faster and more secure wireless connection by adding a TP-Link Super G™ & eXtended Range™ PCI Adapter to your desktop or notebook computer. Use this faster connection to share your high-speed Internet connection while also getting secure access to shared files, music, and photos on your network.

## ***PROTECT YOUR NETWORK***

The TP-Link Super G™ and eXtended Range™ family of wireless adapters offers easy-to-use security features to protect your personal information as it is transferred over a high-speed Super G wireless network. Use the included TP-Link Quick Setup Wizard to easily

connect to any of the various wireless network security configurations used today.

## YOUR NETWORK SETUP



## TECHNICAL SPECIFICATIONS

<b>STANDARDS</b>	<ul style="list-style-type: none"><li>• IEEE 802.11g</li><li>• IEEE 802.11b</li></ul>
<b>INTERFACE</b>	32-bit PCI
<b>WIRELESS SIGNAL RATES WITH AUTOMATIC FALLBACK</b>	108, 54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, 2, & 1Mbps
<b>FREQUENCY RANGE</b>	2.4-2.4835GHz
<b>WIRELESS TRANSMIT POWER</b>	17dbm
<b>MODULATION TECHNOLOGY</b>	<ul style="list-style-type: none"><li>• Differentially coherent Binary PSK(DBPSK)</li><li>• Differential Quadrature Phase Shift Keying(DQPSK)</li><li>• Orthogonal Frequency Division Multiplexing (OFDM)</li><li>• Complementary Code Keying (CCK)</li></ul>
<b>RECEIVER SENSITIVITY</b>	<ul style="list-style-type: none"><li>• 108Mbps OFDM, 10% PER,-68dBm</li><li>• 54Mbps OFDM, 10% PER,-68dBm</li><li>• 11Mbps OFDM, 8% PER,-85dBm</li></ul>

	<ul style="list-style-type: none"> <li>• 6Mbps OFDM, 10% PER,-88dBm</li> <li>• 1Mbps DBPSK, 8% PER,-90dBm</li> <li>• 256Kbps DBPSK, 8% PER,-105dBm</li> </ul>
<b>ANTENNA TYPE</b>	Omni Directional, Detachable
<b>ANTENNA POWER</b>	2dbm
<b>SECURITY</b>	<ul style="list-style-type: none"> <li>• 64/128/152-bit WEP</li> <li>• Wi-Fi Protected Access (WPA)</li> </ul>
<b>MEDIA ACCESS CONTROL</b>	CSMA/CA with ACK
<b>RANGE</b>	Indoor up to 200m, Outdoor up to 830m
<b>LED</b>	Status
<b>CERTIFICATIONS</b>	<ul style="list-style-type: none"> <li>• FCC</li> <li>• CE</li> </ul>
<b>POWER CONSUMPTION</b>	685mA in full Transmit (TX), 515mA in full Receive (RX)
<b>OPERATING TEMPERATURE</b>	0°C ~ 40°C(32°F~104°F)
<b>OPERATING HUMIDITY</b>	10%~95%RH non-condensing
<b>DIMENSIONS</b>	5.2x4.8x.9 in. (133x121x22 mm)

## MINIMUM SYSTEM REQUIREMENTS

Computer with

- ✧ Windows 98SE/ME/2000/XP
- ✧ CD-ROM Drive
- ✧ 20MB Hard Disk Space
- ✧ 32-bit PCI Slot

## PACKAGE CONTENTS

- ✧ Super G™ & eXtended Range™ 108M Wireless PCI Adapter
- ✧ Quick Installation Guide
- ✧ Resource CD, including:
  - TL-WN651G Wireless Client Utility and Drivers
  - User Guide
  - Other Helpful Information

- Maximum wireless signal rate derived from IEEE Standard 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.
- Latest software and documentation are available at <http://www.tp-link.com>.
- All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, actual product appearance may differ than that depicted herein.

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