TP-LINK®

54M Wireless AP Client Router
TL-WR543G

IT PRODUKT 2007
COMPUTERWORLD HOME

TEH LABS
BEST DESIGN

| Supports Wireless Internet Access (for WISP clients), Supports WDS | Share data wirelessly and surf the internet, email, net chatting | Provides QoS, brings more smooth and stable wireless experience |

Description:

The 54Mbps Wireless AP Client Router TL-WR543G is dedicated to Small Office/Home Office (SOHO) Wireless network solutions. It integrates the functions of Wireless Access Point, AP Client, firewall, 4-port Switch and the NAT-Router.
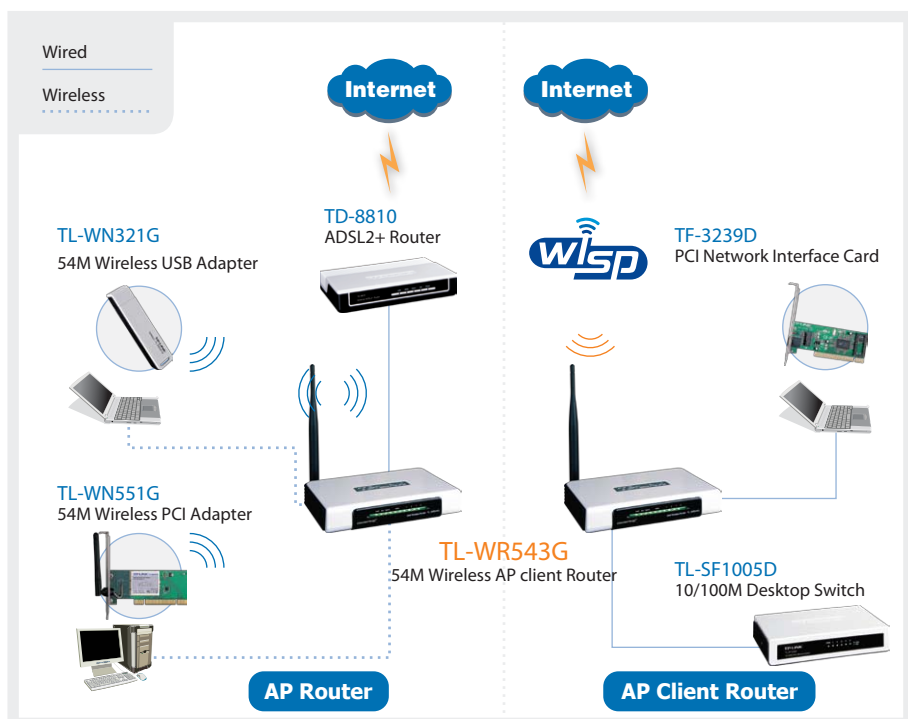
The TL-WR543G provides two operation modes for multiple users to access the Internet: AP Client Router mode and AP Router mode. In AP Client Router mode, it can access the Internet wirelessly with the support of a WISP, and the computers can connect to it via cables. In AP Router mode, it can access the Internet via a Cable/DSL Modem, and the computers can connect to it wirelessly or with cables.

With easy-to-use Quick Setup Wizard, dual operation modes and plenty of functions, the TL-WR543G is your best choice to create a secure network easily for your home and small office.

Specifications:

Standards	IEEE 802.11g IEEE 802.11b
Interface	4 10/100M auto-sensing LAN Port(Auto MDI/MDIX) 1 10/100M auto-sensing WAN Port(Auto MDI/MDIX)
Wireless Signal Rates With Automatic Fallback	11g: 54/48/36/24/18/12/9/6M(dynamic) 11b: 11/5.5/2/1M(dynamic)
Frequency Range	2.4-2.4835GHz
Wireless Transmit Power	17dBm (MAX)
Antenna	3dBi detachable Omni directional antenna
Modulation Technology	IEEE 802.11b: DQPSK, DBPSK, DSSS, and CCK IEEE 802.11g: BPSK, QPSK, 16QAM, 64QAM, OFDM
Receiver Sensitivity	54M：-68dBm@10% PER 11M：-85dBm@8% PER 6M：-88dBm@10% PER 1M：-90dBm@8% PER 256K：-105dBm@8% PER
Power Supply Unit	Input: localized to country of sale Output: 9VAC / 0.8A linear PSU
Operating Temperature	0°C~40°C (32°F~104°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Relative umidity	10% ~ 90%, non condensation
Storage Humidity	5%~95% non-condensing
Dimensions	6.9 in. x 4.4 in. x 1.2 in. 174 mm x 111 mm x 30 mm

Features:

- 1 10/100M Auto-Negotiation RJ45 WAN port, 4 10/100M Auto-Negotiation RJ45 LAN ports, supporting Auto MDI/MDIX.
- Supports AP Client Router and AP Router operation mode, for wireless internet accessing (access to local WISP).
- Supports Wireless Distribution System (WDS), supports wireless bridge mode.
- Adopts 2x to 3x eXtended Range™, provides much better signal coverage than normal 11g products.
- Supports 54/48/36/24/18/12/9/6Mbps or 11/5.5/2/1Mbps data transfer rates.
- Built-in NAT and DHCP server supporting static IP address distributing.
- Shares data and Internet access for users, supporting PPPoE, Dynamic IP, Static IP, L2TP, PPTP, BigPond Cable Internet access.
- Built-in firewall supporting IP address filtering, Domain Name filtering, and MAC address filtering, Supports Flow Statistics.
- Provides 64/128/152-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK data security and TKIP/AES encryption, Wireless LAN ACL (Access Control List).
- Supports Virtual Server, Special Application and DMZ host, Supports UPnP, Dynamic DNS, Static Routing, VPN Pass-through.
- Supports web-site firmware upgrade, Remote and local Web management.
- Detachable Antenna (reverse SMA connector).

Diagram:

Wired
Wireless

TL-WN321G
54M Wireless USB Adapter

TD-8810
ADSL2+ Router

Internet

WISP

TF-3239D
PCI Network Interface Card

Internet

TL-WN551G
54M Wireless PCI Adapter

TL-WR543G
54M Wireless AP client Router

TL-SF1005D
10/100M Desktop Switch

AP Router

AP Client Router

Package:

- 54M Wireless Router TL-WR543G
- Power supply unit (localized to country of sale)
- 3dBi detachable Omni directional antenna
- Resource CD
- Quick Setup Guide

Related Products:

- 54M Wireless Cardbus Adapter TL-WN510G
- 54M Wireless PCI Adapter TL-WN551G
- SOHO Cable/DSL Router TL-R460
- 10/100M Desktop Switch TL-SL1005D