150Mbps Wireless Lite N ADSL2+ Modem Router
TD-W8950ND

3-in-1:ADSL2+ modem, 4-port Ethernet router and wireless N access point	Boost data transfer rate up to 150Mbps when working with 11N devices	QSS, Quick Secure Setup at a push of button

Description:

The TD-W8950ND Wireless Lite N ADSL2+ Modem Router is a 3-in-1 device that combines the function of a high speed DSL modem, a 4-Port 10/100Mbps NAT router and a wireless access point. It is designed to give you a one-stop solution to acquiring and sharing high speed Internet access over a wired/wireless network. Supporting the latest ADSL standards, the TD-W8950ND brings with it much higher speed than a dial-up connection without tying up the phone line.

The TD-W8950ND provides high-speed, unrivaled wireless performance for your network at 150 Mbps, allowing for range up to 4X that of 11g products. Now you can enjoy more kinds of bandwidth consuming applications like HD video streaming wirelessly. Along with the features of Dual Firewalls (NAT and SPI), QoS engine and TR-069, making TD-W8950ND the perfect choice for home or small office users.

Specifications：

Interfaces	1 RJ11 port, 4 RJ45 Ethernet ports, support IEEE802.3,802.3u
Data Rates	Downstream: Up to 24Mbps Upstream: Up to 1.5Mbps
ADSL Features	Full-rate ANSI T1.413 Issue 2 ITU-T G.992.1 (G.dmt) IITU-T G.994.1 (G.hs) ITU-T G.992.3 (G.dmt.bis) ITU-T G.992.5 Supports Annex A Supports Annex L Max 6 kilometers
ATM Features	UNI 3.1, ATM Adaptation Layer Type 5-AAL5 Multiprotocol encapsulation over ATM (RFC 1483) UBR, CBR, VBR-rt, VBR-nrt Supports 8PVCs
PPP Features	PPP over ATM (RFC 2364) PPP over Ethernet (RFC 2516)
Switching Features	IGMP multicast IEEE 802.1d transparent learning bridging
Routing Features	Classical IP and ARP over ATM (RFC 1577/2225) MAC Encapsulation Routing Static routing, IP, TCP, UDP, ARP NAT, NAPT, DNS, DDNS, DHCP Server UPnP, Virtual Server, DMZ, Port Trigger
Wireless Features	Complies with IEEE 802.11n[2] ,IEEE 802.11g, IEEE802.11b Wireless speed up to 150Mbps Provides WPA/WPA2 and WPA-PSK/WPA2-PSK authentication and TKIP/AES encryption security Provides 64/128-bit WEP encryption security and wireless LAN ACL (Access Control List) Max wireless transmit power: 19dbm Antenna power: 3dbi
Security	NAT and SPI Firewall, IP/MAC/Packet/Application Filter
VPN	Support up to 10 IPSec VPN tunnels
VPN Pass Through	IPSec/PPTP Pass-through
QoS	IP Type of service(ToS)
Device Management	HTTP Administration and operation software (firmware) upgradable locally by web(HTTP) CWMP （TR-069）
LED	Power, Internet, ADSL, WLAN, LAN1~4,QSS
Environment	Operating Temperature:0℃~40℃ (32°F~104°F) Storage Temperature:-40℃~70℃ (-40°F~158°F) Operating Humidity:10% ~ 90%, non condensation Storage Humidity:5%~90% non-condensing
Dimensions(L x W x H)	6.9 x 4.7 x 1.1 in.(174 x 120 x 28.8mm)

1.The Easy Setup Assistant Utility supports Windows 2000/XP/Vista and Windows 7 operating system for present.
2.The device leverages some 802.11n features to provide improved performance and coverage compared to 802.11a/g devices, and fully interoperate with 802.11n products, but it does not conform to all of the requirements in the IEEE specification and are not classified as "n" in the Wi-Fi CERTIFIED program.

Features：

- High speed DSL modem, NAT router and wireless access point in one device provides one-stop networking solution
- Wireless Lite N speed up to 150Mbps makes it ideal for bandwidth consuming or interruption sensitive applications like online gaming, IPTV and even the HD video streaming
- Easy Setup Assistant[1] provides quick & hassle free installation
- SPI and NAT firewall protects end-user devices from potential attacks across the Internet
- WPA/WPA2 encryptions provide your network with active defense against security threats
- Easily setup a WPA encryption secured connection at a push of QSS button
- QoS enables smooth IPTV streaming and lag-free online gaming
- WDS wireless bridge provides seamless bridging to expand your wireless network
- Support up to 10 IPSec VPN tunnels simultaneously
- Auto-reconnect keeps you online indefinitely
- Backward compatible with 802.11b/g products

Package:

- 150Mbps Wireless Lite N ADSL2+ Modem Router TD-W8950ND
- One DC Power Adapter
- One External splitter
- Two RJ-11 Telephone Cables
- One RJ-45 Ethernet Cable
- Resource CD
- Quick Installation Guide

Related Products:

- Wireless N USB Adapter TL-WN721N 150Mbps Wireless
- High Gain USB Adapter TL-WN722N
- 10/100M Desktop Switch TL-SF1005D

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Diagram:

Internet

**Wireless N USB Adapter
TL-WN821N**

IP Camera

**150Mbps Wireless Lite N ADSL2+ Modem Router
TD-W8950ND**

**10/100M PCI Network Adapter
TF-3200**

Wi-Fi Phone

Networked Gaming

Video and Audio Streaming

Wireless Printing

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