

## 1-port 150Mbps Wireless N ADSL2+ Modem Router

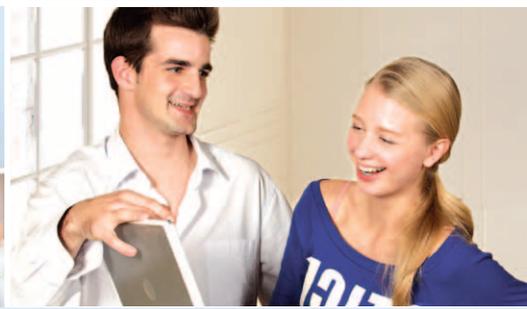
### TD-W8151N



3-in-1:ADSL2+ modem, 1-port NAT router and 150Mbps Wireless Access Point

Exceptionally high wireless speed up to 150Mbps makes it ideal for on-line gaming, Internet call or video streaming

Easy Setup Assistant with multi-language support provides quick & hassle free installation



### Description:

The TD-W8151N 150Mbps Wireless N ADSL2+ Modem Router is a 3-in-1 device that combines the functions of a high-speed DSL modem, a 1-port 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-W8151N provides higher performance and longer reach from the central office of your ISP. Complying with the IEEE 802.11n standard, TD-W8151N can establish a wireless network and get up to 9X the speed and 4X the range of legacy 11g products. With transmission rates up to 150Mbps, it delivers performance enhancements, allowing you to have a more joyful surfing experience, including sharing files, making Internet call and even watching HD video. You can easily install a high-efficiency and secure wireless network with TD-W8151N.

## Specifications:

Product Description	1-port 150Mbps Wireless N ADSL2+ Modem Router
WAN Port	1 RJ11 DSL Port
LAN Port	1 10/100Mbps RJ45 LAN Port
IEEE Standards	IEEE 802.3, 802.3u
ADSL Standards	Full-rate ANSI T1.413 Issue 2, ITU-T G.992.1(G.DMT) Annex A, ITU-T G.992.2(G.Lite) Annex A, ITU-T G.994.1 (G.hs)
ADSL2 Standards	ITU-T G.992.3 (G.dmt.bis) Annex A/L/M, ITU-T G.992.4 (G.lite.bis) Annex A
ADSL2+ Standards	ITU-T G.992.5 Annex A/L/M
Data Rates	Downstream: Up to 24Mbps Upstream: Up to 3.5Mbps (with Annex M enabled)
ATM / PPP Protocols	ATM Forum UNI3.1/4.0 PVC (up to 8PVCs) ATM Adaptation Layer Type 5 (AAL5) ATM QoS (Traffic Shaping) Bridged and routed Ethernet encapsulation VC and LLC based multiplexing PPP over Ethernet (RFC2516) PPP over ATM (RFC 2364) IPoA (RFC1577/2225)
Main Features	DHCP, DHCP relay NAT, Static Routing, RIP v1/v2 VPN(PPTP, L2TP, IPSec) Pass-through PVC/Ethernet Port Mapping VLAN, 802.1P DNS Relay, DDNS IGMP Multicast, IGMP snooping V1/2 Virtual server, DMZ, ACL(Access Control List) UPnP
QoS	QoS Remarking based on IPP/ToS, DSCP and 802.1p
Management	Web Based Configuration(HTTP), Remote management, Telnet management, Command Line Interface, SSL for TR-069, SNMP v1/2c, SNMP over EOC, Web Based Firmware Upgrade, CWMP(TR-069), Diagnostic Tools
Security	NAT and SPI Firewall MAC / IP / Application / URL Filtering Denial of Service(DoS), SYN Flooding, Ping of Death
Wireless Standards	IEEE802.11g, 802.11b, with some n features <sup>2</sup>
Frequency Range	2.400-2.4835GHz
Wireless Speed	11N: Up to 150Mbps (dynamic)
Wireless Security	Provides 64/128-bit WEP encryption security and wireless LAN ACL(Access Control List), WPA-PSK/WPA2-PSK authentication and TKIP/AES encryption security
Wireless Security Power (Max)	20dBm (max.EIRP)
Antenna Typ	Omni directional, Fixed
Dimensions (WxDxH)	6.5x4.3x1.1 in. (165mm*108mm*28mm)
Environment	Operating Temperature: 0°C~40°C (32°F~104°F), Storage Temperature: -40°C~70°C (-40°F~158°F), Operating Humidity: 10%~90% non-condensing , Storage Humidity: 5%~90% non-condensing

- 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, 1-port NAT router and wireless access point in one device provides one-stop networking solution
- Wireless N speed up to 150Mbps makes it ideal for bandwidth consuming or interruption sensitive applications like online gaming, Internet call and even the HD video streaming
- Easy Setup Assistant with multi-language support provides quick & hassle free installation<sup>1</sup>
- 4000V lightning protection help your device to avoid the damage of tough thunderstorm
- QoS Engine enables smooth IPTV streaming and lag-free online gaming
- 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
- Annex M allows for doubling the upstream data rate
- WDS wireless bridge provides seamless bridging to expand your wireless network
- Auto-reconnect keeps you online indefinitely
- Backward compatible with 802.11b/g products

## Package:

- 1-port 150Mbps Wireless N ADSL2+ Modem Router TD-W8151N
- One Power Adapter
- One External splitter
- Two RJ-11 DSL Cables
- One RJ-45 Ethernet Cable
- Resource CD
- Quick Installation Guide

## Related Products:

- 150Mbps Wireless N USB Adapter TL-WN721N
- 150Mbps Wireless N PCI Adapter TL-WN751N
- 10/100M Desktop Switch TL-SF1005D

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# Diagram:

