TP-LINK®

1-Port 150Mbps Wireless N ADSL2+ Modem Router

TD-W8151N

⦿ Features：

- 3-in-1: ADSL2+ modem, NAT router and wireless N access point in one device provides one-stop networking solution

- Wireless N speed up to 150Mbps

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

- SPI and NAT firewall protects end-user devices from potential attacks across the internet

- Easy wireless security encryption at a push of the WPS button

- 4000V Lightning Protection helps your device to avoid the damage of tough thunderstorms

- Quality of Service (QoS) enables smooth VoIP, video streaming and lag-free online gaming

- Supporting Multi-PVC and QoS provides you an enjoyable IPTV* experience

⦿ Description：

TP-LINK's 1-Port 150Mbps Wireless N ADSL2+ Modem Router TD-W8151N is an All-in-One device that combines the functions of a high-speed DSL modem, a NAT router and a wireless access point. It is designed to give you an 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.

* IPTV application may require subscribing to IPTV services from an ISP.

◉ Specifications：
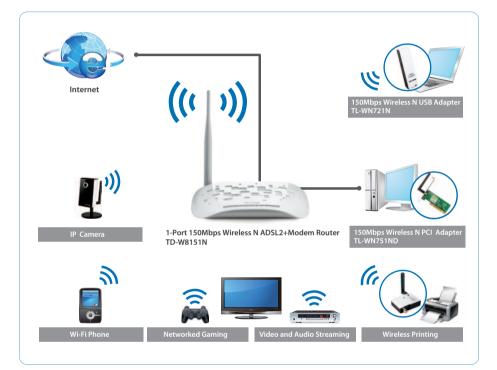
HARDWARE FEATURES	
Interface	1 RJ11 DSL Port 1 10/100Mbps RJ45 Port
Product Description	1-port 150Mbps Wireless N ADSL2+ Modem Router
IEEE Standards	IEEE 802.3, 802.3u
ADSL Standards	Full-rate ANSI T1.413 Issue 2, ITU-T G.992.1(G.DMT) Annex A, ITU-T G.992.2(G.Lite) Annex A,ITU-T G.994.1 (G.hs)
ADSL2 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)
Dimensions (W x D x H)	7.1 x 4.9 x 1.4 in. (181 x 125 x 36 mm)
Antenna Type	Omni directional, Fixed
WIRELESS FEATURES	
Wireless Standards	IEEE 802.11g, 802.11b, with some n features
Frequency	2.4-2.4835GHz
Wireless Speeds	Up to 150Mbps (dynamic)
EIRP	20dBm (max.EIRP)
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
SOFTWARE FEATURES	
Quality of Service	QoS Remarking based on IPP/ToS, DSCP and 802.1p
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)
Advanced Features	DHCP (Dynamic Host Configuration Protocol), DHCP relay NAT (Network Address Translation) 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
Security	NAT and SPI Firewall MAC / IP / Application / URL Filtering Denial of Service(DoS), SYN Flooding, Ping of Death
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

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OTHERS	
Certification	CE, FCC, RoHS
Environment	Operating Temperature: 0℃~40℃ (32℉~104℉)
	Storage Temperature: -40℃~70℃ (-40℉~158℉)
	Operating Humidity: 10%~90% non-condensing
	Storage Humidity: 5%~90% non-condensing

◉ Diagram:

Internet

150Mbps Wireless N USB Adapter TL-WN721N

IP Camera

1-Port 150Mbps Wireless N ADSL2+Modem Router TD-W8151N

150Mbps Wireless N PCI Adapter TL-WN751ND

Wi-Fi Phone

Networked Gaming

Video and Audio Streaming

Wireless Printing

Package:

- 1-Port 150Mbps Wireless N ADSL2+ Modem Router   TD-W8151N
- One Power Adapter
- One External splitter
- Two RJ-11 Telephone 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-WN751ND

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