# **TP-LINK<sup>®</sup>**

# 150Mbps Wireless N ADSL2+ Modem Router **TD-W8901N**

### • Features:

- High speed DSL modem, NAT router and wireless access point in one device providing a one-stop networking solution
- Wireless speed up to 150Mbps makes it ideal for bandwidth consuming or interruption sensitive applications like online gaming and video streaming
- Easy Setup Assistant with multi-language support provides a quick & hassle-free installation<sup>1</sup>
- SPI and NAT firewall protects end-user devices from potential attacks from across the Internet
- WPA-PSK/WPA2-PSK encryptions provide user networks with active defense against security threats
- Wi-Fi On/Off Button allows users to simply turn their wireless radio on or off
- QoS enables smooth IPTV streaming and lag-free online gaming
- Port VLAN binds specific LAN ports and PVCs for an enjoyable  $\ensuremath{\mathsf{IPTV}}$  experience^2
- WDS wireless bridge provides seamless bridging to expand the wireless network
- 6000V Lightning Protection helps your device to avoid the damage of tough thunderstorms
- Supporting the latest Internet Protocol IPv6 to future-proof your network

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### • Description:

TD-W8901N 150Mbps Wireless N ADSL2+ Modem Router is an All-in-One device, which is designed to provide end-users with a one-stop solution to acquiring and sharing high speed Internet access over a wired/wireless network. With the Easy Setup Assistant bundled in the CD, SPI and NAT firewall, QoS engine and other advanced features, you can easily setup a protected wireless network and enjoy the pleasant of Internet surfing, file sharing, VoIP, audio and Video streaming.

<sup>1</sup> The Easy Setup Assistant utility supports Windows 8/7/Vista/XP/2000 operating system at present.

<sup>2</sup> IPTV application may require subscribing to IPTV services from an ISP.

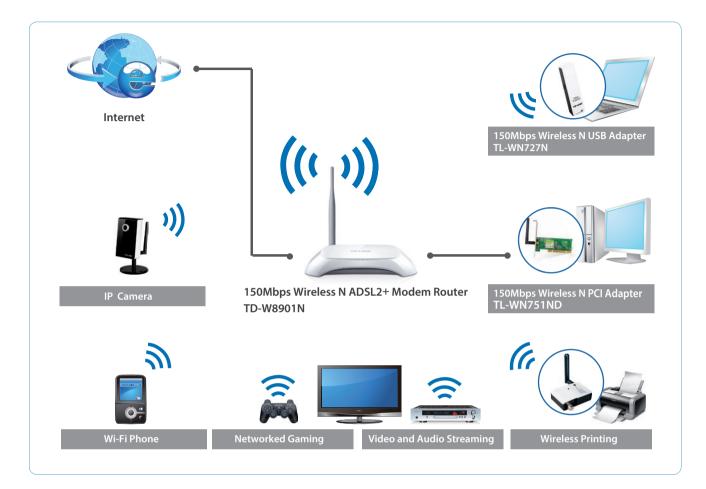
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## • Specifications:

Interface	4 10/100Mbps RJ45 Ports 1 RJ11 Port
	1 Power On/Off
Button	1 Reset Button
	1 Wi-Fi On/Off Button
External Power Supply	9VDC/0.6A
IEEE Standards	IEEE 802.3, 802.3u
	Full-rate ANSI T1.413 Issue 2, ITU-T G.992.1(G.DMT), ITU-T G.992.2(G.Lite
ADSL Standards	ITU-T G.994.1 (G.hs), ITU-T G.995.1 , ITU-T G.996.1, ITU-T G.997.1,
	ITU-T K.2.1
ADSL2 Standards	ITU-T G.992.3 (G.dmt.bis), ITU-T G.992.4 (G.lite.bis)
ADSL2+ Standards	TU-T G.992.5
Dimensions ( $W \times D \times H$ )	7.2 x 5.0 x 1.4 in. (182 x 128 x 35mm)
Antenna Type	Omni directional, Undetachable, Reverse SMA
Antenna Gain	1 * 5dBi
WIRELESS FEATURES	
Wireless Standards	IEEE 802.11g, 802.11b, with some n features
Frequency	2.400-2.4835GHz
EIRP	<20dBm(EIRP) Support 64/128 bit WED WEA DSKAWDAD DSK
Wireless Security	Support 64/128 bit WEP, WPA-PSK/WPA2-PSK, Wireless MAC Filtering
SOFTWARE FEATURES	
Quality of Service	QoS Remarking based on IPP/ToS, DSCP and 802.1p
Port Forwarding	Virtual server, DMZ, ACL(Access Control List)
VPN Pass-Through	PPTP, L2TP, IPSec Pass-through
in the ass in loagh	ATM Forum UNI3.1/4.0,
ATM/PPP Protocols	PPP over ATM (RFC 2364),
	PPP over Ethernet (RFC2516),
	IPoA (RFC1577/2225), PVC - Up to 8 PVCs,
	Traffic Shaping(ATM QoS) UBR, CBR, VBR-rt, VBR-nrt;
	Dynamic Host Configuration Protocol (DHCP), DHCP
	rélay;
Advanced Features	Network Address Translation (NAT); PVC/Ethernet
	Port Mapping VLAN, 802.1P, Static Routing, RIP v1/v2 (optional);
	DNS Relay, DDNS, IGMP snooping V1/2, IGMP
	Multicast, UPnP
Security	NAT Firewall, SPI Firewall, MAC / IP / Packet / Application /
······	URL Filtering, Denial of Service(DoS), SYN Flooding, Ping of Death
	Web Based Configuration (HTTP), Remote management, Telnet
Management	management, Command Line Interface, SSL for TR-069, SNMP V1/V2C SNMP over EOC, Web Based Firmware Upgrade, CWMP(TR-069),
	Diagnostic Tools
OTHERS	
Certification	CE, FCC, RoHS
System Requirements	Microsoft® Windows® 8/7/Vista/XP/2000/98SE/NT, MAC® OS,
Systemnequiements	NetWare®, UNIX® or Linux.
	Operating Temperature: 0°C~40°C (32°F~104°F)
Environment	Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing
	operating number, 1070-2070 horr condensing

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### • Diagram:



### Package:

- 150Mbps Wireless N ADSL2+ Modem Router TD-W8901N
- External Splitter
- RJ-11 Telephone Cable
- RJ-45 Ethernet Cable
- Quick Installation Guide
- Resource CD
- Power Adapter

### **Related Products:**

- 150Mbps Wireless N USB Adapter TL-WN727N
- 150Mbps Wireless N PCI Adapter
- TL-WN751ND

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