300Mbps Wireless N ADSL2+ Modem Router

TD-W8960N

Features：

- All-in-One: ADSL2+ modem, NAT router, 4-port switch and wireless N access point in one device provides an one-stop networking solution

- Wireless N speed up to 300Mbps

- ADSL or Ethernet WAN for connecting to Cable, VDSL or Fiber modems

- Parental control allows parents or administrators to establish restricted access policy for children or staff

- Support up to 10 IPSec VPN tunnels simultaneously, offering you the most economic way to connect to the company's central network securely

- 2*5dBi external antennas provide maximum Omni-directional wireless coverage and reliability

- Guest Network Access provides secure Wi-Fi access for guests wireless coverage and reliability

- Wireless Schedule lets you to turn the Wi-Fi radio on or off based on a preset timetable

- 6000V Lightning Protection helps your device to avoid the damage of tough thunderstorms

- Port VLAN binds specific LAN ports to PVCs for an enjoyable IPTV experience

⊙ Description：

The TD-W8960N Wireless N ADSL2+ Modem Router is an All-in-One device that combines the functions 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 acquire and share high speed Internet access over a wired/wireless network. Supporting the latest ADSL standards, the TD-W8960N brings with it much higher speed than a dial-up connection without tying up the phone line. Compiling with the IEEE 802.11n, users will get up to 15X the speed and 5X the range of conventional 11g products. Now you can enjoy more kinds of bandwidth consuming applications like HD video streaming wirelessly, from anywhere in your entire home or even the yard.
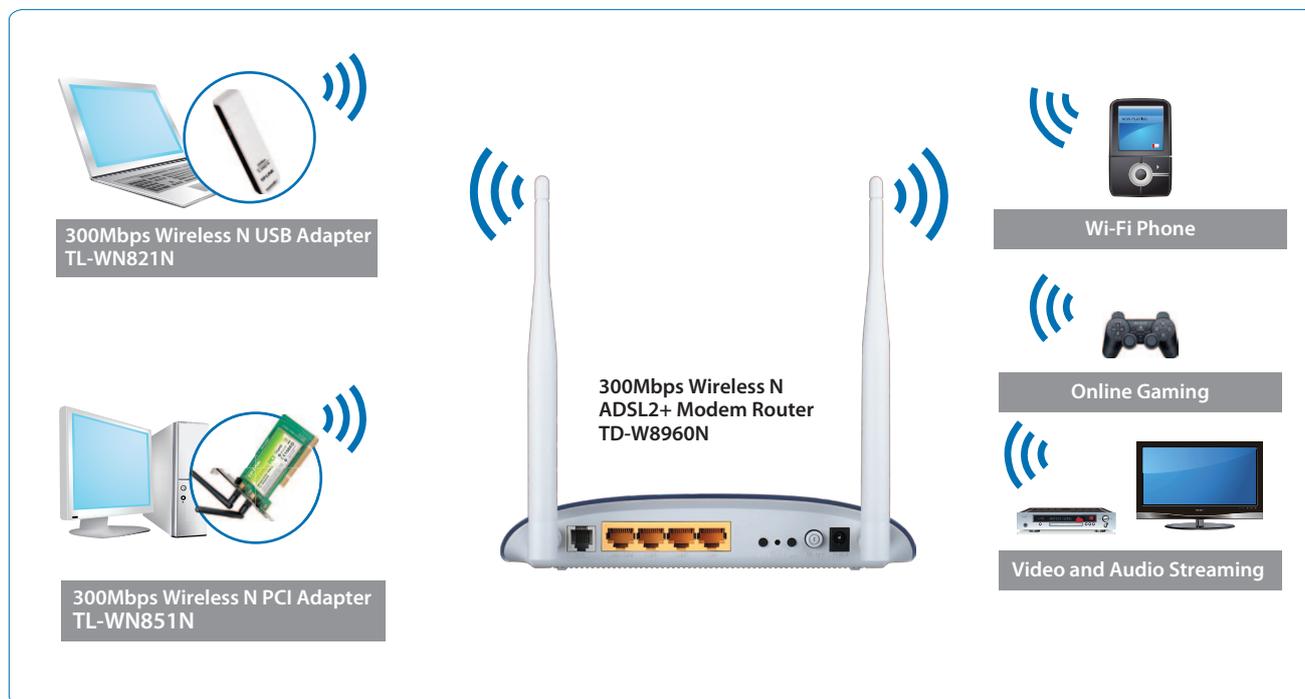
◉ Specifications：

HARDWARE FEATURES	
Interface	1 10/100Mbps RJ45 WAN/LAN Port 3 10/100Mbps RJ45 LAN Ports 1 RJ11 Port
Button	1 Power On/Off Button 1 Wi-Fi On/Off Button 1 WPS Button 1 RESET Button
External Power Supply	9VDC/0.85A
IEEE Standards	IEEE 802.3, 802.3u
ADSL Standards	Full-rate ANSI T1.413 Issue 2 ITU-T G.992.1(G.DMT) ITU-T G.992.2(G.Lite) ITU-T G.994.1 (G.hs) ITU-T G.995.1
ADSL2 Standards	ITU-T G.992.3 (G.dmt.bis) ITU-T G.992.4 (G.lite.bis)
ADSL2+ Standards	ITU-T G.992.5
Dimensions (W x D x H)	7.7×5.1×1.4in.(195×130×36mm)
Antenna Type	Omni directional, Detachable, Reverse SMA
Antenna Gain	2 x 5dBi
WIRELESS FEATURES	
Wireless Standards	IEEE 802.11n, 802.11g, 802.11b
Wireless Speeds	Up to 300Mbps (dynamic)
Frequency	2.4-2.4835GHz
EIRP	<20dBm(EIRP)
Wireless Functions	Enable/Disable Wireless Radio, WDS Bridge, WMM, Wireless Statistics
Wireless Security	Support WEP,WPA/WPA2,WPA-PSK/WPA-PSK2, Wireless MAC Filtering
SOFTWARE FEATURES	
Operation Mode	ADSL Modem Router, Wireless Router
ATM/PPP Protocols	ATM Forum UNI3.1/4.0, PPP over ATM (RFC 2364), PPP over Ethernet (RFC2516), IPoA (RFC1577/2225), MER\IPoE (RFC 1483 Routed) Bridge (RFC1483 Bridge) PVC – Up to 8 PVCs
DHCP	Server, Client, DHCP Client List, Address Reservation, DHCP relay
Quality of Service	QoS Remarking based on IPP/ToS, DSCP, 802.1p ATM QoS,Traffic Control(IP QoS)
Port Forwarding	Virtual server, DMZ, ALG
VPN Pass-Through	PPTP, L2TP, IPSec Pass-through
Dynamic DNS	DynDns, NO-IP
IPSec VPN	Support up to 10 IPSec VPN tunnels
Guest Network	Support one 2.4GHz Guest Network

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◉ Specifications：

SOFTWARE FEATURES	
Wireless Schedule	Support 2.4GHz Wireless Schedule
Security	NAT Firewall, LAN Side Firewall, SPI Firewall, MAC / IP / URL Filtering, Denial of Service(DoS), SYN Flooding, Ping of Death IP and MAC Address Binding
Management	Web Based Configuration(HTTP), Remote management, Command Line Interface, SSL for TR-069, SNMP v1/2c, Web Based Firmware Upgrade Diagnostic Tools
IPv6	IPv6 and IPv4 dual stack
Advanced Features	Parental Control Traffic Shaping(ATM QoS) UBR, CBR, VBR-rt, VBR-nrt; Network Address Translation (NAT); Port Mapping (Grouping) VLAN, Static Routing, RIP v1/v2 (optional); DNS Relay, DDNS, IGMP snooping V1/2, IGMP Multicast, UPnP
OTHERS	
Certification	CE, FCC, RoHS
System Requirements	Microsoft® Windows® 98SE, NT, 2000, XP, Vista™, Windows 7, Windows 8, MAC® OS, NetWare®, UNIX® or Linux.
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

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◉ Diagram:

300Mbps Wireless N USB Adapter TL-WN821N

300Mbps Wireless N PCI Adapter TL-WN851N

300Mbps Wireless N ADSL2+ Modem Router TD-W8960N

Wi-Fi Phone

Online Gaming

Video and Audio Streaming

Package:
- 300Mbps Wireless N ADSL2+ Modem Router
  TD-W8960N
- One Power Adapter
- One External splitter (Optional)
- Two RJ-11 Telephone Lines
- One RJ-45 Ethernet Cable
- Resource CD
- Quick Installation Guide

Related Products:
- 300Mbps Wireless N USB Adapter
  TL-WN821N
- 300Mbps Wireless N PCI Adapter
  TL-WN851N

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