TP-LINK®

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

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

- Bandwidth Control allows administrators to determine how much bandwidth is allotted to each PC

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

- Ethernet WAN (EWAN) offers another broadband connectivity option for connecting to Cable, VDSL or Fiber modems

- Easy Setup Assistant with multi-language support provides quickly & hassle free installation[1]

- Wi-Fi On/Off Button allows users to simply turn their wireless radio on or off

- WPS Button allows users to easily setup a WPA encrypted secure connection

- 4000V 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[2]

⦿ 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. In addition, with the function of IPSec VPN (site-to-site), TD-W8960N can guarantee the security of the data transmiting from home to corporate network or between remote branch offices.

[1] The USB Printer Setup Wizard supports Windows 7 32bit, Vista 32bit, XP 32/64bit, Windows 2003, 2000 currently.
For the printer compatibility information, please visit www.tp-link.com.
[2] The Easy Setup Assistant utility supports Windows 2000/XP/Vista and Windows 7 operating system at present.
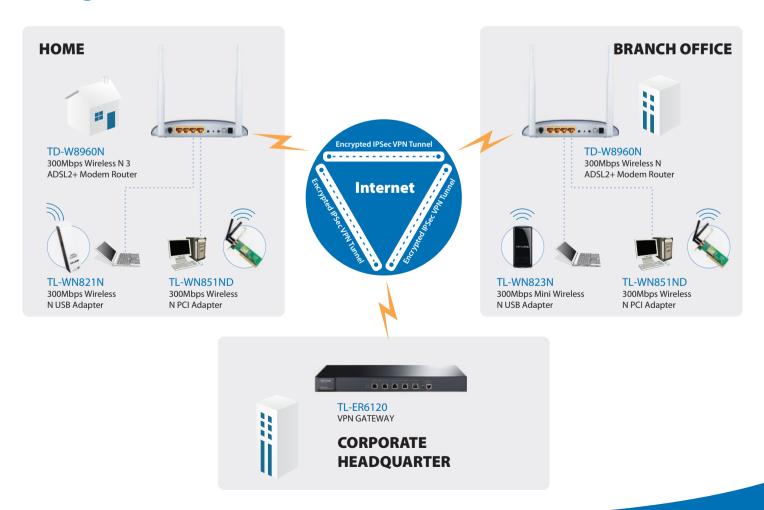
◉ Specifications：

HARDWARE FEATURES	
Interface	1 10/100Mbps RJ45 WAN/LAN Port
	3 10/100Mbps RJ45 LAN Ports
	1 RJ11 Port
Button	1 Power On/Off Switch
	1 WPS Button
	1 Wi-Fi On/Off Button
External Power Supply	12VDC/1A
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 x 5.3 x 1.5 in. (195 x 135 x 39 mm)
Antenna Type	Omni directional, Detachable, Reverse SMA
Antenna Gain	2 x 3dBi
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 Security	Support WEP,WPA/WPA2,WPA-PSK/WPA-PSK2
	Wireless MAC Filtering
SOFTWARE FEATURES	
Quality of Service	QoS Remarking based on IPP/ToS, DSCP and 802.1p
	IP Based Bandwidth Control
VPN Pass-Through	PPTP, L2TP, IPSec Pass-through
ATM/PPP Protocols	ATM Forum UNI3.1/4.0
	PPP over ATM (RFC 2364)
	PPP over Ethernet (RFC2516)
	IPoA (RFC1577/2225)
	PVC - Up to 8 PVCs
IPsec VPN	Supports up to 10 IPSec VPN tunnels
Advanced Features	Traffic Shaping(ATM QoS) UBR, CBR, VBR-rt, VBR-nrt;
	Ethernet WAN connection (EWAN)
	Parental Control
	Dynamic Host Configuration Protocol (DHCP), DHCP relay;
	Network Address Translation (NAT);
	PVC/Ethernet Port Mapping
	VLAN, 802.1P,
	Static Routing, RIP v1/v2 (optional);
	DNS Relay, DDNS,
	IGMP snooping V1/2

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◉ Specifications：

SOFTWARE FEATURES	
Advanced Features	IGMP Multicast, UPnP
Security	NAT Firewall, SPI Firewall, MAC / IP / Packet / 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

OTHERS	
Certification	CE, FCC, RoHS
System Requirements	Microsoft® Windows® 98SE, NT, 2000, XP, Vista™ or Windows 7, 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

◉ Diagram:

HOME

BRANCH OFFICE

TD-W8960N
300Mbps Wireless N 3
ADSL2+ Modem Router

TD-W8960N
300Mbps Wireless N
ADSL2+ Modem Router

Encrypted IPSec VPN Tunnel

Internet

Encrypted IPSec VPN Tunnel

Encrypted IPSec VPN Tunnel

TL-WN821N
300Mbps Wireless
N USB Adapter

TL-WN851ND
300Mbps Wireless
N PCI Adapter

TL-WN823N
300Mbps Mini Wireless
N USB Adapter

TL-WN851ND
300Mbps Wireless
N PCI Adapter

TL-ER6120
VPN GATEWAY

CORPORATE HEADQUARTER

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◉ Diagram:

Package:

- 300Mbps Wireless N ADSL2+ Modem Router
  TD-W8960N
- External Splitter
- RJ-11 Telephone Cable
- RJ-45 Ethernet Cable
- Quick Installation Guide
- Resource CD
- Power Adapter

Related Products:

-300Mbps Wireless N USB Adapter
  TL-WN821N
- 300Mbps Mini Wireless N USB Adapter
  TL-WN823N
-300Mbps Wireless N PCI Adapter
  TL-WN851ND

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