TP-LINK®

150Mbps Wireless N ADSL2+ Modem Router

TD-W8950ND

◉ 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 150Mbps

- 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

◉ Description：

The TD-W8950ND 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-W8950ND 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-W8950ND can guarantee the security of the data transmiting from home to corporate network or between remote branch offices.

[1]The Easy Setup Assistant utility supports Windows 8/7/Vista operating system at present.
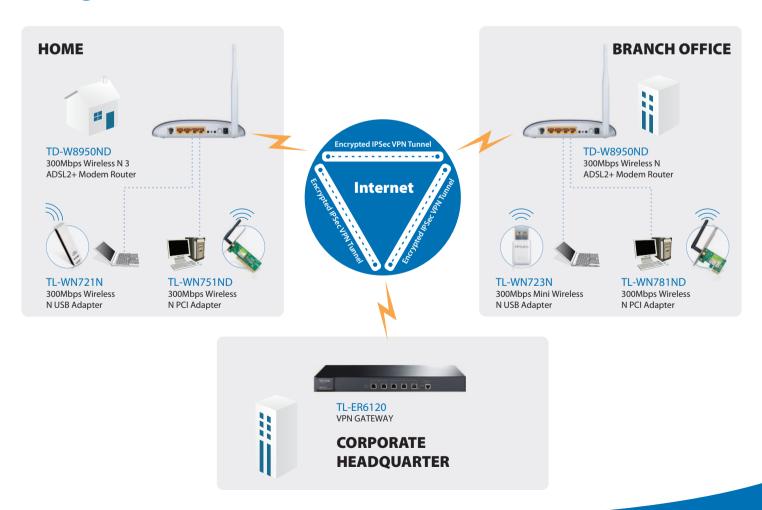
◎ Specifications：

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	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
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)	7.1 x 4.9 x 1.4 in. (181 x 125 x 36mm)
Antenna Type	Omni directional, Detachable, Reverse SMA
Antenna Gain	5dBi
WIRELESS FEATURES	
Wireless Standards	IEEE 802.11n, 802.11g, 802.11b
Wireless Speeds	Up to 150Mbps (dynamic)
Frequency	2.4-2.4835GHz
EIRP	<20dBm(EIRP)
Wireless Functions	Enable/Disable Wireless Radio, WDS Bridge, WMM, Wireless Statistics
Wireless Security	64/128-bit WEP,WPA / WPA2,WPA-PSK/ WPA2-PSK encryption Wireless MAC Filtering
SOFTWARE FEATURES	
Quality of Service	QoS Remarking based on IPP/ToS, DSCP, 802.1p ATM QoS, Traffic Control(IP QoS)
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), MER\IPoE (RFC 1483 Routed) Bridge (RFC1483 Bridge) PVC - Up to 8 PVCs
IPsec VPN	Supports up to 10 IPSec VPN tunnels
Advanced Features	Parental Control Traffic Shaping(ATM QoS) UBR, CBR, VBR-rt, VBR-nrt; Dynamic Host Configuration Protocol (DHCP), DHCP relay, DHCP Reservation; Network Address Translation (NAT); Port Mapping (Grouping) VLAN, Static Routing, RIP v1/v2 (optional); DNS Relay, DDNS, IGMP snooping V1/2, IGMP Multicast, UPnP

◉ Specifications：

SOFTWARE FEATURES	
IPv6	IPv6 and IPv4 dual stack
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™, 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

◉ Diagram:

HOME

TD-W8950ND
300Mbps Wireless N 3
ADSL2+ Modem Router

TL-WN721N
300Mbps Wireless
N USB Adapter

TL-WN751ND
300Mbps Wireless
N PCI Adapter

Encrypted IPSec VPN Tunnel
Internet
Encrypted IPSec VPN Tunnel
Encrypted IPSec VPN Tunnel

BRANCH OFFICE

TD-W8950ND
300Mbps Wireless N
ADSL2+ Modem Router

TL-WN723N
300Mbps Mini Wireless
N USB Adapter

TL-WN781ND
300Mbps Wireless
N PCI Adapter

TL-ER6120
VPN GATEWAY

CORPORATE
HEADQUARTER

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◉ Diagram:

Package:

- 150Mbps Wireless N ADSL2+ Modem Router
  TD-W8950ND
- 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-WN721N
- 150Mbps Mini Wireless N USB Adapter
  TL-WN723N
-150Mbps Wireless N PCI Adapter
  TL-WN751ND

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