

## Wireless N ADSL2+ Modem Router TD-W8960N



3-in-1: ADSL2+ modem,  
4-port Ethernet router  
and wireless N access point

300Mbps wireless  
transmission rate, brings  
smooth wireless N experience

Various QoS policies  
enable various application,  
meeting people's different needs



### 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. Complying 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 which can not be accommodated by 11g products, from anywhere in your entire home or even the yard. In addition, IPsec VPN function allowing off-site users to securely access company's central network through the Internet.

## Specifications:

Interfaces	1 RJ11 port, 4 Ethernet ports, support IEEE802.3,802.3u
Data Rates	Downstream: Up to 24Mbps Upstream: Up to 3.5Mbps (With Annex M enabled)
ADSL Features	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.992.3 (G.dmt.bis) ITU-T G.992.5 Supports Annex A/L/M Max 6 kilometers
ATM Features	UNI 3.1, ATM Adaptation Layer Type 5-AAL5 Multiprotocol encapsulation over ATM (RFC 1483) UBR, CBR, VBR-rt, VBR-nrt Supports 8PVCs
PPP Features	PPP over ATM (RFC 2364) PPP over Ethernet (RFC 2516)
Switching Features	IGMP snooping IGMP multicast IEEE 802.1d transparent learning bridging Classical IP and ARP over ATM (RFC 1577/2225), RIP V1/V2 MAC Encapsulation Routing
Routing Features	Static routing, IP, TCP, UDP, ARP NAT, NAT, DNS, DDNS, DHCP Server UPnP, Virtual Server, DMZ, Port Trigger SIP, H323 ALG
Wireless Features	Complies with IEEE 802.11n/g/b, Wireless speed up to 300M <b>Frequency: 2.4GHz~2.4835GHz, Output Power: 20dBm</b> Provides WPA/WPA2 and WPA-PSK/WPA2-PSK authentication and TKIP/AES encryption security Provides 64/128-bit WEP encryption security and wireless LAN ACL (Access Control List) Max wireless transmit power: 19dbm Antenna power: 3dbi
Security	NAT and SPI Firewall, Packet Filter
VPN	Support up to 10 IPSec VPN tunnels
VPN Pass Through	IPSec/PPTP/L2TP Pass-through
QoS	IP Type of service(ToS) 802.1p HTTP, Console
Device Management	Administration and operation software (firmware) upgradable locally by web(HTTP), console(TFTP) CWMP (TR-069)
Led	Power, Internet, ADSL, WLAN, LAN1~4,QSS
Operating Temperature	0°C~40°C (32°F~104°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Operating Humidity	10% ~ 90%, non condensation
Storage Humidity	5%~90% non-condensing
Dimensions(L x W x H)	7.9 x 5.5 x 1.1 in.(200 x 140 x 28mm)

## Features:

- High speed DSL modem, NAT router and wireless access point in one device provides one-stop networking solution
- Wireless N speed up to 300Mbps makes it ideal for bandwidth consuming or interruption sensitive applications like video streaming, online gaming and VoIP
- 2T2R MIMO technology provides robust high-bandwidth wireless Tx/Rx capability at further range
- Support Annex M, which can double upstream data rates
- Support up to 10 IPSec VPN tunnels simultaneously, offering you the most economic way to connect to the company's central network securely
- Easy Setup Assistant provides quick & hassle free installation
- Easily setup a WPA encrypted secure connection at a push of the QSS button
- Dual Firewall (NAT and SPI firewall) protects LAN devices from potential attacks from across the Internet
- QoS enables smooth VoIP/IPTV streaming and lag-free online gaming
- Auto-reconnect keeps you online indefinitely
- Port-mapping binds specific LAN ports and PVCs for differential services
- TR-069 enables centralized management

## Package:

- Wireless N ADSL2+ Modem Router TD-W8960N
- One DC power Adapter
- Quick Installation Guide
- One RJ45 cable
- Two RJ11 cables
- One ADSL splitter
- One Resource CD

## Related Products:

- 300M Wireless Cardbus Adapter TL-W811N
- 300M Wireless USB Adapter TL-WN821N
- 300M Wireless PCI Adapter TL-WN851N

## Diagram:

