

## 300Mbps Wireless N Gigabit ADSL2+ Modem Router

### TD-W8970B\*

#### ⦿ Features:

- All-in-One Device: ADSL2+ Modem, NAT Router, 4-Port Switch and Wireless N Access Point
- All Gigabit ports ensure ultimate transfer speeds
- Wireless N speed up to 300Mbps makes it ideal for heavy bandwidth consuming or interruption sensitive applications
- 2 USB 2.0 ports support Storage Sharing (Samba or FTP), Media Server, Print Server and multi accounts
- Supports the latest Internet Protocol IPv6 to future-proof your network
- Ethernet WAN (EWAN) offers another broadband connectivity option for connecting to Cable, VDSL or Fiber modems
- IP based Bandwidth Control makes it easier for you to manage the bandwidth of devices that connected to the modem router
- Wi-Fi On/Off Button allows users to simply turn their wireless radio on or off
- Easy one-touch WPA wireless security encryption with the WPS button
- Easy Setup Assistant with multi-language support provides a quick & hassle free installation
- Interface Grouping binds specific LAN ports with PVCs for an enjoyable IPTV experience

\* Annex B (ADSL over ISDN) is supported.



#### ⦿ Description:

TP-LINK's TD-W8970B 300Mbps Wireless N Gigabit ADSL2+ Modem Router is an incredibly robust all-in-one device allowing users to access high-speed internet connections and share them wirelessly at blazing 300Mbps wireless speeds or by using one of its 4 Gigabit LAN ports. With 2 multifunctional USB ports, users can share printers, files and media across the local network or the Internet. It supports the latest Internet Protocol IPv6 to future-proof your network. What's more, this All-in-one device allows for two different connection types: ADSL, or Ethernet WAN, giving users the flexibility to access the Internet whichever method is most convenient.

## Ⓞ Specifications:

Product Description	300Mbps Wireless N Gigabit ADSL2+ Modem Router (Annex B)
Interface	4 10/100/1000Mbps RJ45 Ports 1 RJ11 Port 2 USB 2.0 Ports
Button	1 Power On/Off Button 1 WPS Button 1 Wi-Fi On/Off Switch 1 RESET Button
External Power Supply	12VDC/1.5A(G.hs)
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.994.1 (G.hs) ITU-T G.995.1
ADSL2 Standards	ITU-T G.992.3 (G.dmt.bis)
ADSL2+ Standards	ITU-T G.992.5
Antenna Type	Omni directional, Detachable, Reverse SMA
Antenna Gain	3 x 5dBi
Wireless Standards	IEEE 802.11b, 802.11g, 802.11n
Frequency	2.400-2.4835GHz
EIRP	<20dBm(EIRP)
Wireless Security	Support 64/128 bit WEP, WPA /WPA2, WPA-PSK/WPA2-PSK Wireless MAC Filtering
Quality of Service	WMM, Bandwidth Control (IP QoS)
Port Forwarding	Virtual server, Port Triggering, UPnP, DMZ, Manage 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
Advanced Features	Parent Control Traffic Shaping(ATM QoS) UBR, CBR, VBR-rt, VBR-nrt; Dynamic Host Configuration Protocol (DHCP), DHCP relay; Network Address Translation (NAT); PVC/Ethernet Port Grouping Static Routing, RIP v1/v2 (optional); DNS Relay, DDNS
Security	NAT Firewall, SPI Firewall, MAC / IP / URL Filtering
USB Sharing	Storage Sharing, FTP Server, Media Server, Print Server
Management	Web Based Configuration(HTTP), Remote management, Telnet management, Command Line Interface, SSL for TR-069, SNMP V1/V2C, Web Based Firmware Upgrade, CWMP(TR-069), Diagnostic Tools

## © Specifications:

IGMP	IGMP snooping V1/V2/V3 IGMP Multicast
IPSec VPN	10 IPSec VPN Tunnels LAN-to-LAN Main, Aggressive Negotiation Mode DES, 3DES, AES128, AES192, AES256 Encryption Algorithm MD5, SHA1 Authentication Algorithm Manual, IKE Key Management Mode Dead Peer Detection (DPD) Perfect Forward Secrecy (PFS)
IPv6	IPv6 and IPv4 dual stack Supported IPv6 Tunnels: DS-Lite, 6RD, 6 to 4 Supported IPv6 Connection Type: PPPoEv6, DHCPv6, Static IPv6
Certification	CE, FCC, RoHS IPv6
System Requirements	Microsoft® Windows® 98SE, NT, 2000, XP, Vista or Windows 7, MAC® OS, NetWare®, UNIX® or Linux.
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-condensing
Storage Humidity	5%~90% non-condensing

## Diagram:



### Package:

- 300Mbps Wireless N Gigabit ADSL2+ Modem Router TD-W8970B
- 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

<sup>4</sup> Some USB hard drive that works at a high power without using any external power adapter might not be supported.