

300Mbps Wireless N Gigabit ADSL2+ Modem Router

TD-W8970

⦿ 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
- 1 USB 2.0 port supports Storage Sharing (Samba or FTP), Media Server, Print Server, 3G/4G Modem and multi accounts
- Ethernet Wan (EWAN) offers another broadband connectivity option for connecting to Cable, VDSL or Fiber modems
- Guest Network Access provides secure Wi-Fi access for guests sharing your home or office network
- Parent Control allows parents or administrators to establish restricted access policies for children or staff
- Supports the latest Internet Protocol IPv6 to future-proof your network
- Wi-Fi On/Off Button allows users to simply turn their wireless radio on or off
- 6000V Lightning Protection helps your device avoid the damage of tough thunderstorms
- Interface Grouping binds specific LAN ports with PVCs for an enjoyable IPTV experience



⦿ Description:

TP-LINK's TD-W8970 300Mbps Wireless N Gigabit ADSL2+ Modem Router is a combined wired/wireless network connection device with integrated wireless router and ADSL modem, reducing the hassle of configuration and saving space. This all-in-one device allows for three different connection types: ADSL, Ethernet WAN, or 3G/4G connections through a USB attached dongle, giving users the flexibility to access high-speed internet connections using whichever method is most convenient and share them wirelessly at blazing 300Mbps wireless speeds. With its multifunctional USB port, users can share printers locally and media across the local network or the Internet.

Specifications:

HARDWARE FEATURES	
Product Description	300Mbps Wireless N Gigabit ADSL2+ Modem Router
Interface	4 10/100/1000Mbps RJ45 Ports 1 RJ11 Port 1 USB 2.0 Port
Button	1 Power On/Off Button 1 WPS Button 1 Wi-Fi On/Off Button 1 RESET Button
External Power Supply	12VDC/1.5A
Dimensions (W X D X H)	8.9x5.5x1.3 in.(225x140x32.5mm)
IEEE Standards	IEEE 802.3, 802.3u, 802.3ab
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
Antenna Type	Omni directional, Detachable, Reverse SMA
Antenna Gain	2 x 5dBi
WIRELESS FEATURES	
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
SOFTWARE FEATURES	
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	Guest Network, Parental Control, Wireless Schedule 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

⦿ Specifications:

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)
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
OTHERS	
Certification	CE, FCC, RoHS IPv6
System Requirements	Microsoft® Windows® 98SE, NT, 2000, XP, Vista or Windows 8.1, 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-W8970
- 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

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