

## TP-LINK TD-W9970(TD-W9970)

TP-LINK TD-W9970 - Wireless router - DSL modem - 4-port switch - 802.11b/g/n - 2.4 GHz



TP-LINK's 300 Mbps Wireless N USB VDSL2 modem router TD-W9970 is an incredibly robust all-in-one device allowing users to access high-speed Internet connection via VDSL/ADSL, 3G/4G modem or Ethernet WAN (EWAN) using its interchangeable LAN/WAN port and share it wirelessly at 300 Mbps wireless 802.11n speeds. With its multifunctional USB port, users can share printers, files & media across the local network or share files & media via the Internet. Moreover, it supports the Internet protocol IPv6 to future-proof your network.

## Key Selling Points

All-in-one: VDSL2/ADSL2+ modem, NAT router and wireless access point in one device provides a one-stop networking solution  
Wireless N speed up to 300 Mbps makes it ideal for heavy bandwidth consuming or interruption sensitive applications like online gaming, Internet calls and even the HD video streaming  
IP based bandwidth control allows administrators to determine how much bandwidth is allocated to each PC  
Versatile connectivity: VDSL/ADSL, Ethernet WAN or UMTS/LTE  
Modem for multiple Internet connection types  
Guest network access provides secure Wi-Fi access for guests sharing your home or office network  
Supports the Internet Protocol IPv6 to future-proof your network  
Wi-Fi on/off switch lets you simply turn the wireless radio on or off  
Parental control allows parents or administrators to establish restricted access policies for children or staff  
Supports up to 10 IPSec VPN tunnels simultaneously  
Easily setup an encrypted security connection at a push of WPS button

## Main Specifications

Product Description	TP-LINK TD-W9970 - wireless router - DSL modem - 802.11b/g/n - desktop
Device Type	Wireless router - DSL modem - 4-port switch (integrated)
Enclosure Type	Desktop
Digital Signaling Protocol	ADSL2+, VDSL2
WAN Ports Qty	1
Data Link Protocol	Ethernet, Fast Ethernet, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Frequency Band	2.4 GHz
Network / Transport Protocol	PPTP, L2TP, IPSec, PPPoE, PPPoA, IPoA, DHCP, DNS
Routing Protocol	RIP-1, RIP-2, static IP routing
Remote Management Protocol	SNMP 1, Telnet, SNMP 2c, HTTP
Features	Firewall protection, DMZ port, NAT support, IGMP snooping, traffic shaping, print server, MAC address filtering, IPv6 support, URL filtering, parental control, IP address filtering, Wi-Fi Multimedia (WMM) support, Quality of Service (QoS), Dead Peer Detection (DPD), virtual server support, FTP server, port triggering, DHCP relay, DNS relay, port grouping, Guest Zone support
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, UPnP
Dimensions (WxDxH)	19.5 cm x 13 cm x 3.6 cm
System Requirements	Microsoft Windows Vista / XP / 7 / 8 / 8.1

## Extended Specification

### General

Device Type	Wireless router - 4-port switch (integrated)
Enclosure Type	Desktop
Connectivity Technology	Wireless, wired

Data Link Protocol	Ethernet, Fast Ethernet, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Frequency Band	2.4 GHz
Network / Transport Protocol	PPTP, L2TP, IPSec, PPPoE, PPPoA, IPoA, DHCP, DNS
Routing Protocol	RIP-1, RIP-2, static IP routing
Remote Management Protocol	SNMP 1, Telnet, SNMP 2c, HTTP
Encryption Algorithm	DES, Triple DES, MD5, 128-bit WEP, 64-bit WEP, IKE, SHA-1, WPA, WPA2, WPA-PSK, 128-bit AES, 192-bit AES, 256-bit AES, WPA2-PSK
Features	Firewall protection, DMZ port, NAT support, IGMP snooping, traffic shaping, print server, MAC address filtering, IPv6 support, URL filtering, parental control, IP address filtering, Wi-Fi Multimedia (WMM) support, Quality of Service (QoS), Dead Peer Detection (DPD), virtual server support, FTP server, port triggering, DHCP relay, DNS relay, port grouping, Guest Zone support
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, UPnP, FCC, RoHS

#### Line Properties

Framing Format	ANSI T1.413
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#### Communications

Type	DSL modem
Digital Signaling Protocol	ADSL2+, VDSL2
Protocols & Specifications	ITU G.992.1 (G.DMT), ITU G.994.1 (G.hs), ITU G.992.3 (G.DMT.bis), ITU G.992.5, ITU G.993.2, ITU G.995.1

#### Expansion / Connectivity

Interfaces	WAN: 1 x VDSL2 / ADSL2+ - RJ-11 LAN: 4 x 10Base-T/100Base-TX - RJ-45 USB 2.0: 1 x
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#### Aerial

Aerial	External detachable
Antenna Qty	2
Directivity	Omni-directional
Gain Level	5 dBi

#### Power

Power Device	External power adapter
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#### Miscellaneous

Included Accessories	ADSL splitter
Cables Included	1 x network cable 1 x modem cable

#### Software / System Requirements

OS Required	Microsoft Windows Vista / XP / 7 / 8 / 8.1
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#### Dimensions & Weight

Width	19.5 cm
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Depth	13 cm
Height	3.6 cm

#### Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	10 - 90% (non-condensing)

#### What's in the box

TP-LINK TD-W9970  
Network cable  
Modem cable  
ADSL splitter

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