

## ADSL2+ Modem Router TD-8840T/TD-8840TB



Latest ADSL standards for superior performance: up to 24Mbps downstream and 3.5Mbps upstream

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

High speed DSL connection, sharing Internet access



### Description:

The TP-LINK ADSL2+ Modem Router (TD-8840T/TD-8840TB) is a 2-in-1 device that combines the functions of a DSL modem and 4-port 10/100 Ethernet router. It supports the latest ADSL2/2+ standards to provide higher performance (up to 24Mbps downstream) and longer reach from your Internet Service Provider's (ISP) Digital Subscriber Line Access Multiplexer (DSLAM). You can also create a wired network to share your high-speed Internet connection, documents, photos, music, videos, and printers.

The TD-8840T/TD-8840TB includes a built-in QoS engine that helps prioritize Internet traffic to enable smooth Internet phone

calls (VoIP) and lag-free online gaming. In addition, this device includes Dual Active Firewall (SPI Firewall and NAT) to help protect your network from potential attacks from across the Internet.

The TD-8840T/TD-8840TB also supports TR-069 which automatically updates the firmware and other settings when they become available from your ISP.

Featuring high ADSL performance, various QoS policy, easy-to-use, TD-8840T/TD-8840TB is a good choice to access to the internet.

## Specifications:

Interfaces	1 RJ11 port, 4 Ethernet ports, supports 802.3,802.3u
Data Rates	Downstream: Up to 24Mbps Upstream: Up to 3.5Mbps (With Annex M enabled) 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)
ADSL Features	ITU-T G.992.3 (G.dmt.bis) ITU-T G.992.4 (G.lite.bis) ITU-T G.992.5 Supports Annex A/B/I/J/L/M Max 6 kilometers
ATM Features	UNI 3.1/4.0ATM, Adaptation Layer Type 5-AAL5 Multiprotocol encapsulation over ATM (RFC 1483/RFC 2684) UBR, CBR, VBR-rt, VBR-nrt Supports 8PVCs OAM F4/F5 Loop-back, AIS and RDI OAM cells
PPP Features	PPP over ATM (RFC 2364) PPP over Ethernet (RFC 2516)
Network Protocols and Features	IGMP snooping IGMP multicast Port VLAN IEEE 802.1d transparent learning bridging Classical IP and ARP over ATM (RFC 1577/2225), MER RIP V1/V2 Static routing, IP, TCP, UDP, ARP PPP Encapsulation: PAP, CHAP, MS-CHAP NAT, NATP, DNS, DDNS, DHCP Server UPnP, Virtual Server, DMZ SIP, H323 ALG
Firewall	Packet Filter Stateful Packet Inspection (SPI) NAT
VPN Pass Through	IPSec PPTP L2TP
QoS	IP Type of service(ToS) DSCP 802.1p
Device Management	HTTP, TELNET, Console Administration and operation software (firmware) upgradable locally by WEB, TFTP, FTP, Console SNMP V1/V2 CWMP (TR-069)
Led	Power, ADSL, Internet, LAN 1~4
Operating Temperature	0°C~55°C
Storage Temperature	-40°C~70°C
Operating Humidity	0% ~ 95% RH non-condensing
Storage Humidity	0% ~ 95% RH non-condensing
Dimensions(L x W x H)	6.9 x 4.7 x 1.1 in. (174 x 120 x 28.8 mm)

## Features:

- Supports Annex M, which can double upstream data rates
- QOS enables smooth VOIP, video streaming and lag-free online gaming
- Dual Firewall protects LAN devices from potential attacks from across the Internet
- TR-069 enables centralized management
- VLAN allows multiple PVC application and VLAN grouping
- Auto-reconnect keeps Internet always connected
- SIP, H.323 ALG enables VOIP pass-through

## Package:

- ADSL2+ Modem Router  
TD-8840T/TD-8840TB
- One AC power Adapter
- Quick Installation Guide
- One RJ45 cable
- Two RJ11 cables
- One ADSL splitter
- One Resource CD

## Related Products:

- 10/100Mbps Fast Ethernet Switch  
TL-SF1008D
- Fast Ethernet Adapter  
TF-3239DL
- 54Mbps Wireless Access Point  
TL-WA501G

## Diagram:

