TP-LINK®

ADSL2+ Modem Router

TD-8816

⊙ Main Features:

- Latest ADSL2/2+ standards for superior performance: up to 24Mbps downstream and 3.5Mbps upstream
- Various QoS policies enable various applications , meeting people's different needs
- Easy Setup Assistant provides quick & hassle free installation*



⊙ Description:

TP-LINK's ADSL2+ Modem Router TD-8816 is a 2-in-1 device that combines the functions of a DSL modem and 1-port 10/100Mbps Ethernet router. It supports the latest ADSL2/2+ standards to provide higher performance 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 with the cooperation of switches.

The TD-8816 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 Firewalls (SPI and NAT) to help protect your network from potential attacks from across the Internet.

The TD-8816 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-8816 is a good choice to access to the Internet.

* The Easy Setup Assistant Utility supports Windows 2000/XP/Vista and Windows 7 operating system at present.

Specifications are subject to change without notice. TP-LINK is a registered trademark of TP-LINK Technologies Co., Ltd. Other brands and product names are trademarks or registered trademarks of their respective holders. No part of the specifications may be reproduced in any form or by any means or used to make any derivative such as translation, transformation, or adaptation without permission from TP-LINK Technologies Co., Ltd.

Specifications:

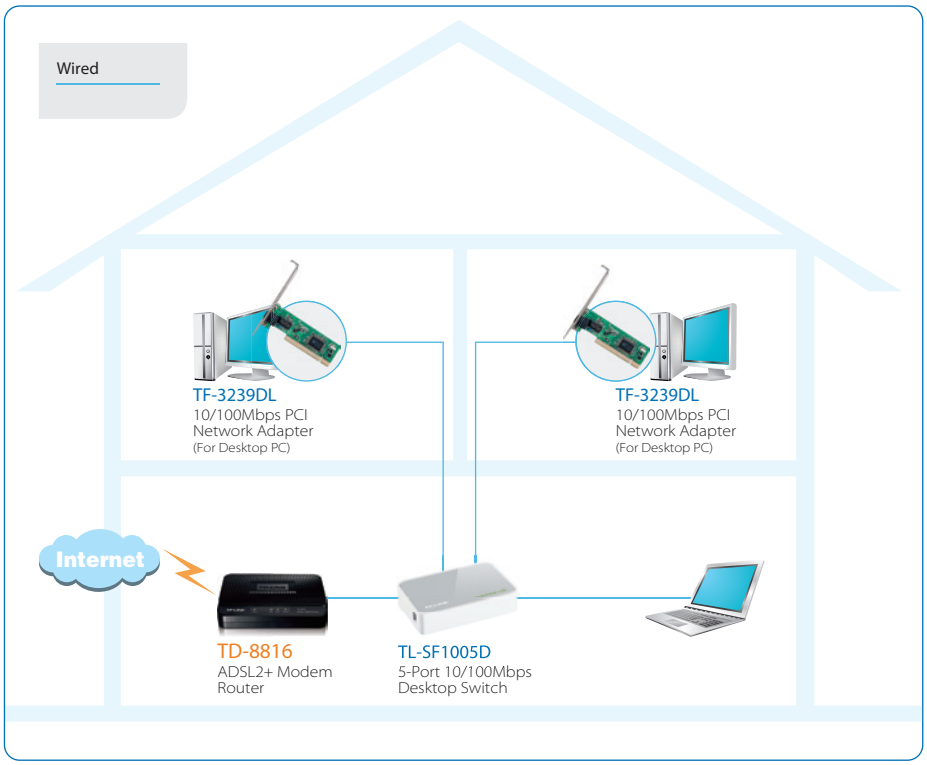
Interface	1*RJ11 port, 1*Ethernet port
IEEE Standards	Supports 802.3, 802.3u
Data Rates	Downstream: Up to 24Mbps Upstream: Up to 3.5Mbps (with Annex M enabled)
ADSL Features	Full-rate ANSI T1.413 Issue 2, ITU-T G.992.1 (G.dmt), ITU-T G.992.2 (G.Lite), ITU-T G.994.1 (G.hs), ITU-T G.992.3 (G.dmt.bis), ITU-T G.992.4 (G.Lite.bis), ITU-T G.992.5 Supports Annex A/I/J/L/M Max 6 kilometers
ATM/PPP Protocols	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 8 PVCs 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 Clasical 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, NAPT, DNS, DDNS, DHCP Server UPnP, Virtual Server, DMZ SIP, H.323, ALG
Firewall	Packet Filter Stateful Packet Inspection (SPI) NAT
VPN Passthrough	IPSec PPTP L2TP
QoS	QoS Remarking based on IPP/ToS, DSCP and 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)
LEDs	Power, LAN, ADSL, Internet
Dimensions (W x D X H)	5.5 x 3.6 x 1.1 in. (140 x 92 x 29mm)
Environment	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

Specifications are subject to change without notice. TP-LINK is a registered trademark of TP-LINK Technologies Co., Ltd. Other brands and product names are trademarks or registered trademarks of their respective holders. No part of the specifications may be reproduced in any form or by any means or used to make any derivative such as translation, transformation, or adaptation without permission from TP-LINK Technologies Co., Ltd.

Features:

- Access a high-speed DSL Internet connection
- 4000V Lightning Protection helps your device to avoid the damage of tough thunderstorms
- QoS prioritization based on ToS, DSCP or 802.1p
- Dual Active Firewalls: SPI and NAT
- Supports DHCP, Universal Plug-and-Play (UPnP), and includes a user-friendly Setup Wizard which takes you through configuring your network, step by step
- Administer and Upgrade the Router Remotely over the Internet

Diagram:



Package:

- ADSL2/2+ Modem Router TD-8816
- External Splitter (Optional)
- Two RJ11 Telephone Cables
- One RJ45 Ethernet Cable
- Quick Installation Guide
- Resource CD
- Power Adapter

Related Products:

- 5-Port 10/100Mbps Desktop Switch TL-SF1005D
- 10/100Mbps PCI Network Adapter TF-3239DL
- 150Mbps Wireless N Access Point TL-WA701ND

Specifications are subject to change without notice. TP-LINK is a registered trademark of TP-LINK Technologies Co., Ltd. Other brands and product names are trademarks or registered trademarks of their respective holders. No part of the specifications may be reproduced in any form or by any means or used to make any derivative such as translation, transformation, or adaptation without permission from TP-LINK Technologies Co., Ltd.