300Mbps
Wireless N VoIP VDSL/ADSL Modem Router
TD-VG5612

Highlights

- **Fast Broadband Speeds** – Up to 100Mbps broadband speeds, ideal for smooth streaming media and online gaming

- **Cost-Effective VoIP** – Supports up to eight VoIP accounts and numerous call features, keeping phone costs low

- **Versatile USB Sharing** – USB 2.0 port for shared storage, media, and voicemail

- **EWAN Connection** – Available LAN/WAN port offers broadband connectivity option for cable modem and fiber equipment

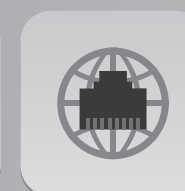- **Easy Setup** – Easy Setup Assistant with multi-language support provides quick & hassle-free installation
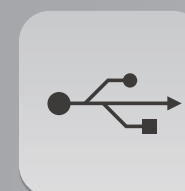
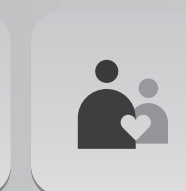| 300Mbps 2.4GHz | USB 2.0 Port | Voice Mail | EWAN Connection | 3G Connection | WPS | 6000V Lightning Protection | Parental Control | Wireless On/Off |

Features

Speed

· **Fast Broadband Speed** – Features superfast broadband speeds of up to 100Mbps downstream and upstream

· **300Mbps Wireless Speeds** – Delivers Wi-Fi speeds of up to 300Mbps, ideal for online gaming, Internet calls and even the HD video streaming

VoIP

· **Cost-Effective VoIP** – Supports up to eight VoIP accounts keeping phone costs low

· **Various Call Features** – Such as caller ID, call waiting, call holding, call forwarding, 3-way conference calls and voicemail

Uses

· **DSL Port** – For VDSL2/VDSL/ADSL2+/ADSL2/ADSL connections

· **EWAN Connection** – Allows for fiber or cable access as backup connections

· **USB 2.0 Port** – For shared storage, media, and voicemail, also supports 3G USB dongle connection

· **WPS** – Easy one-touch WPA wireless security encryption with the WPS button
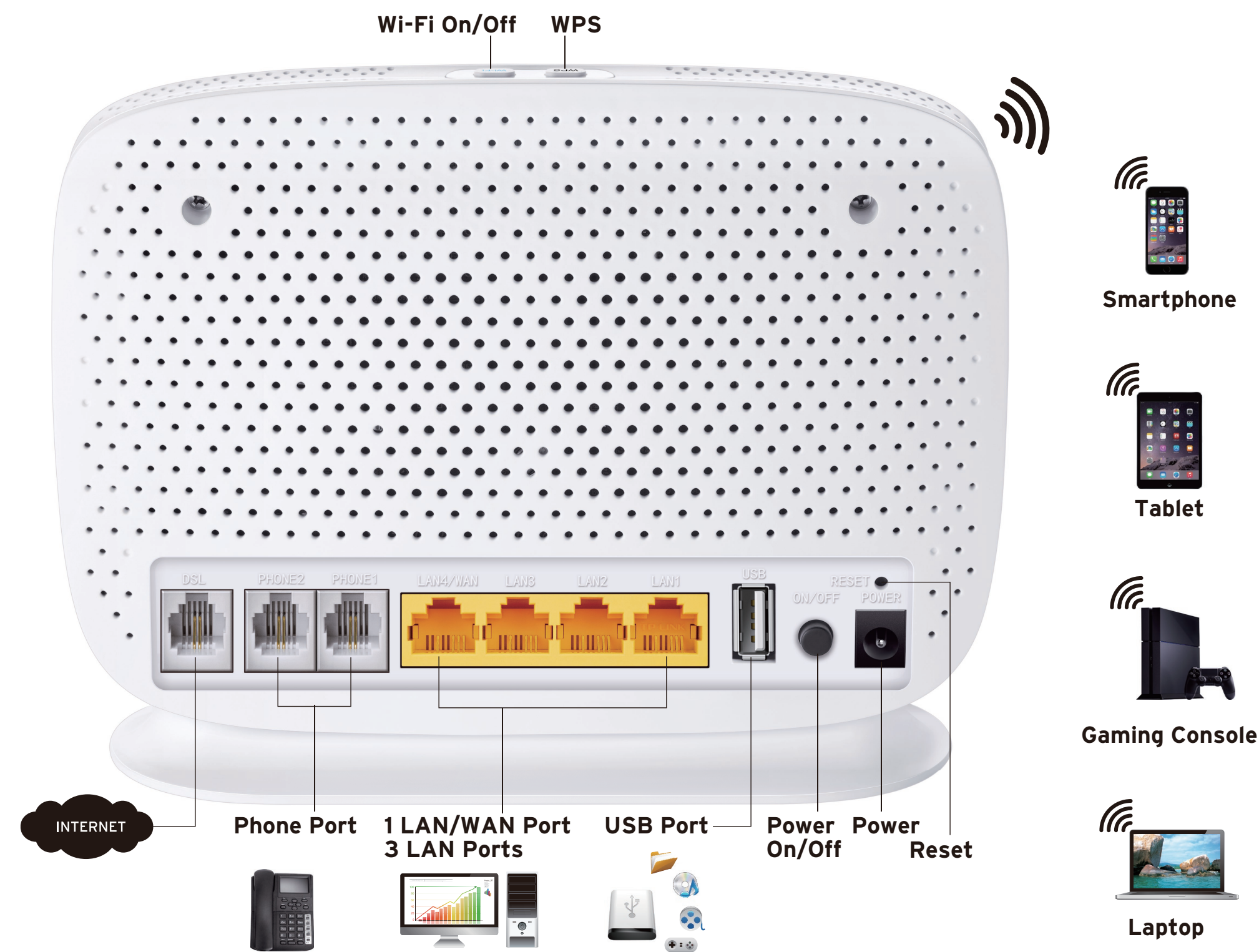
Easy Sharing

· **USB 2.0 Port for Fast Sharing** – With one USB 2.0 port, you can access and share your files and media locally and with networked devices remotely

· **Built-in Media Server** – Allows users to play music, video and view photos

Security

· **Parental Control** – Allows parents or administrators to establish access policies for children or staff

· **SPI and NAT Firewall** – Protects end-user devices from potential attacks from the Internet

Diagram

Wi-Fi On/Off WPS

Smartphone

Tablet

Gaming Console

Laptop

DSL PHONE2 PHONE1 LAN4/WAN LAN3 LAN2 LAN1 USB RESET ON/OFF POWER

INTERNET

Phone Port **1 LAN/WAN Port 3 LAN Ports** **USB Port** **Power On/Off** **Power** **Reset**

Specifications

Hardware

- **Ethernet Ports:** 3 10/100Mbps RJ45 LAN Ports, 1 10/100Mbps RJ45 LAN/WAN Port, 1 RJ11 Port
- **USB Ports:** 1 USB 2.0 Port
- **Button:** WPS Button, Wi-Fi On/Off Button, Power On/Off Button, Reset Button
- **External Power Supply:** 12VDC/1.5A
- **Dimensions (W x D x H):** 6.9 x 2.4 x 5.1 in. (174 x 60 x 130 mm)
- **IEEE Standards:** IEEE 802.3, IEEE 802.3u
- **VDSL2 Standards:** ITU G.993.2
- **ADSL2+ Standards:** ITU-T G.992.5
- **ADSL2 Standards:** ITU-T G.992.3 (G.DMT.bis), ITU-T G.992.4 (G.lite.bis)
- **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
- **Antenna Type:** Omni directional, Internal, Printed Antenna
- **Antenna Gain:** 2 x 2.6dBi

Wireless

- **Wireless Standards:** IEEE 802.11b/g/n 2.4GHz
- **Frequency:** 2.400-2.4835GHz
- **Signal Rate:** 300Mbps at 2.4GHz
- **Transmit Power:** <20dBm(EIRP)
- **Wireless Security:** 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA-PSK2 encryptions, Wireless MAC Filtering

Software

- **Operation Modes:** VDSL/ADSL Modem Router, Wireless Router
- **Quality of Service:** WMM, Bandwidth Control (IP QoS)
- **Port Forwarding:** Virtual Server, Port Triggering, DMZ, UPnP, Manage Control
- **VPN Passthrough:** PPTP, L2TP, IPSec Passthrough
- **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
- **Security:** NAT Firewall, SPI Firewall, MAC / IP / URL Filtering
- **Advanced Functions:** Parental Control, Traffic Shaping(ATM QoS) UBR, CBR, VBR-rt, VBR-nrt, Dynamic Host Conguration Protocol (DHCP), DHCP relay, Network Address Translation (NAT), PVC/Ethernet Port Grouping Static Routing, RIP v1/v2 (optional), DNS Relay, DDNS
- **USB Sharing:** Storage Sharing/FTP Server/Media Server, 3G Modem
- **Management:** Web Based Configuration(HTTP), Remote management, Telnet management, Command Line Interface, SSL for TR-069, SNMP v1/2c Web Based Firmware Upgrade, CWMP(TR-069), Diagnostic Tools
- **Protocols:** Supports IPv4 and IPv6
- **VOIP Features**: Two RJ-11 FXS ports for connecting to regular telephones Call hold, Call transfer, Call internal transfer, Call forward, Warm call, Do not disturb, Anonymous call, Call restriction, Speed dial, etc. USB Voicemail, Caller ID, 3-party conference, SIP account – up to 8 accounts

Specifications

Others

Package Contents
· 300Mbps Wireless N VoIP VDSL/ADSL Modem Router TD-VG5612
· External Splitter
· RJ-11 Telephone Cable
· RJ-45 Ethernet Cable
· Telephony Feature Guide
· Quick Installation Guide
· Resource CD
· Power Adapter

Certification
· RCM, RoHS

Environment
· Operating Temperature: 0℃~40℃ (32℉ ~104℉)
· Storage Temperature: -40℃~70℃ (-40℉ ~158℉)
· Operating Humidity: 10%~90% non-condensing
· Storage Humidity: 5%~90% non-condensing

For more information, please visit
http://www.tp-link.com/en/products/details/?categoryid=&model=TD-VG5612
or scan the QR code left

Others

Ideal to use with

• 300Mbps Wireless N
USB Adapter
TL-WN821N

• 300Mbps High Gain
Wireless USB Adapter
TL-WN822N

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