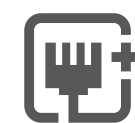




# 300Mbps Wireless N VoIP VDSL/ADSL Modem Router

Fast DSL Router Support  
100Mbps VDSL Access

VN020-F2v



VDSL/ADSL



300Mbps  
Wireless Speed



VoIP



USB 2.0 Port

# Highlights

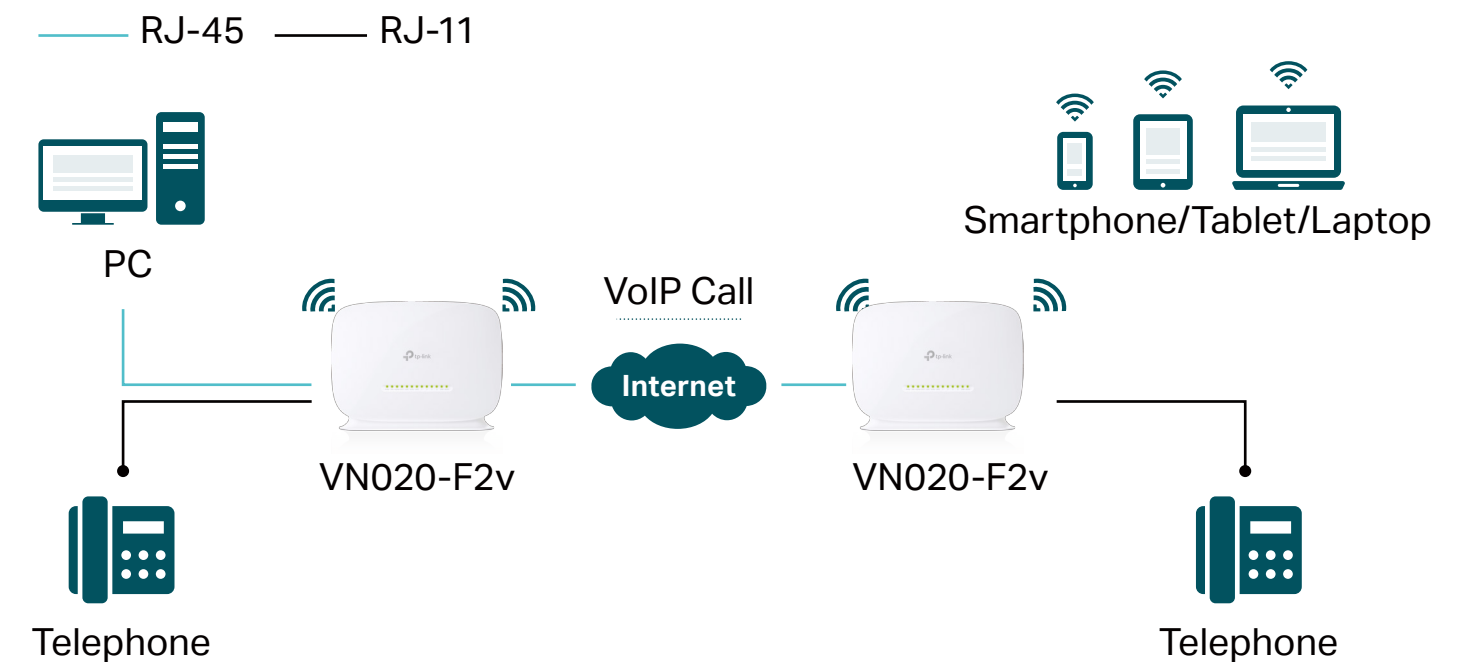
## Fast Broadband Speeds

Up to 100Mbps broadband speeds, ideal for smooth streaming media and online gaming.



## Cost-Effective VoIP

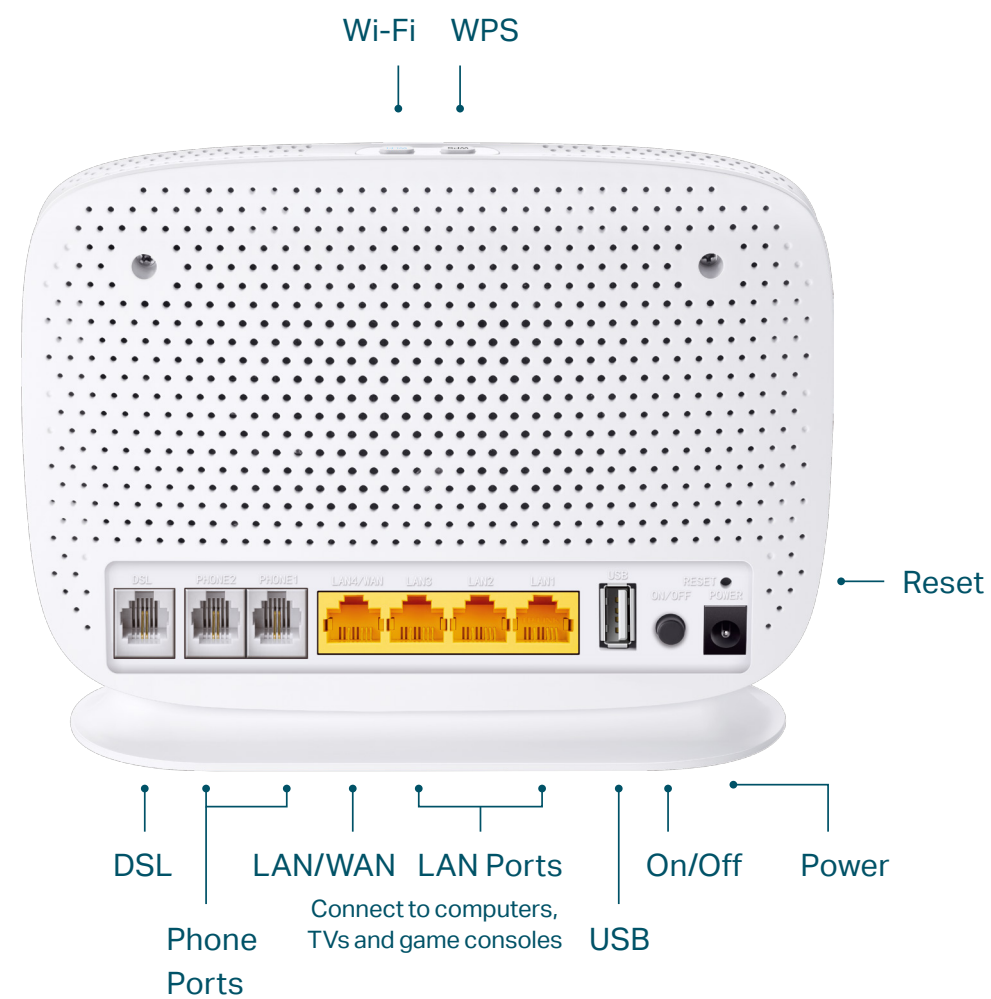
Supports up to eight VoIP accounts and numerous call features, keeping phone costs low.



# Highlights

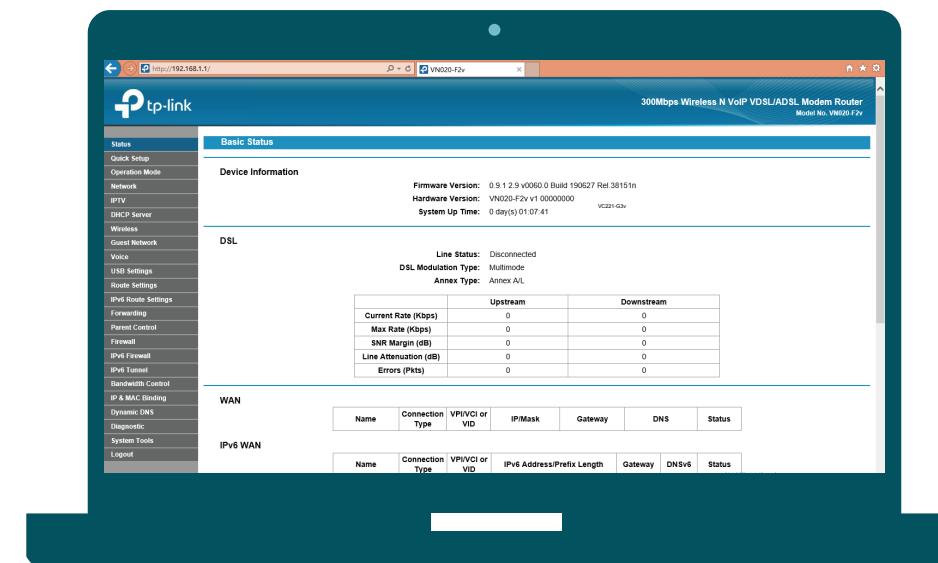
## EWAN Connection

Available LAN/WAN port offers broadband connectivity option for cable modem and fiber equipment.



## Easy Setup

TP-Link's innovative web UI makes your home network installation and management hassle free.



Intuitive Web Interface

# 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



## Reliability

- **Simultaneous Dual Band** – Separate Wi-Fi bands enable more devices to connect to your network without a drop in performance

# Features



## Ease of Use

- DSL Port – For VDSL2/VDSL/ADSL2+/ADSL2/ADSL connections
- EWAN Connection – Allows for fiber or cable access as backup connections
- WPS – Easy one-touch WPA wireless security encryption with the WPS button



## Security

- Parental Controls – Manage when and how connected devices can access the internet
- SPI and NAT Firewall – Protects end-user devices from potential attacks from the Internet

# Specifications

## Hardware

- Interface: 3 10/100Mbps RJ45 LAN Ports, 1 10/100Mbps RJ45 LAN/WAN Port, 1 RJ11 DSL Port, 2 FXS Port, 1 USB Port
- Button: Power On/Off Button, WPS On/Off Button, Wireless On/Off Button, RESET Button
- Antenna: 2.4G 2 Internal Antennas
- External Power Supply: 12V/1.5A
- PCB Dimensions: 6.9 x 2.4 x 5.1 in. (174 x 60 x 130 mm)

## Wireless

- Wireless Standards: IEEE 802.11b/g/n 2.4GHz
- Frequency: 2.4GHz
- 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

- DHCP: Server, Client, DHCP Client List, Address Reservation, DHCP Relay
- Quality of Service: WMM, Bandwidth Control
- Port Forwarding: Virtual Server, Port Triggering, DMZ, UPnP, 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
- Security: NAT Firewall, SPI Firewall, MAC / IP / URL Filtering

## Software

- Functions: Parental Control, Traf\_c 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
- Management: Web Based Con\_guration(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. Caller ID, 3-party conference, SIP account – up to 8 accounts

## Others

- Certification: CE, RCM
- System Requirements:
  - Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7, 8, 8.1, 10, MAC OS, NetWare, UNIX or Linux
  - Internet Explorer 11, Firefox 12.0, Chrome 20.0, Safari 4.0, or other Java-enabled browser
  - Cable or DSL Modem
- 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