



# AC1200 Wireless Dual Band Gigabit VoIP XPON Router

**VTX521-GV**



VoIP  
Ready  
Router



XPON  
Technology

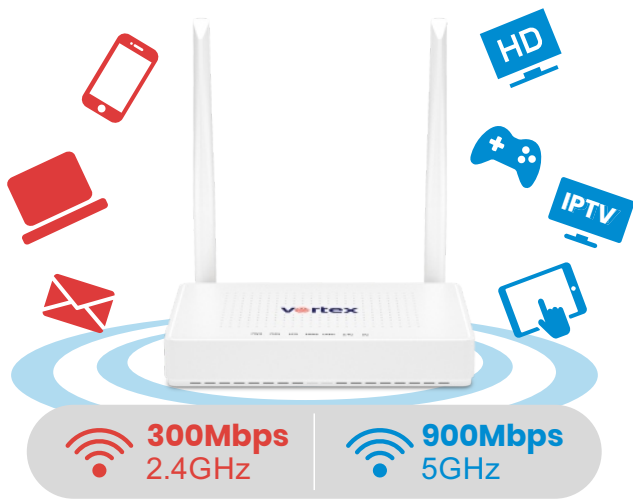


Dual-Band  
Wireless



Strong Antenna  
for Better Coverage

[www.vortexit.in](http://www.vortexit.in)

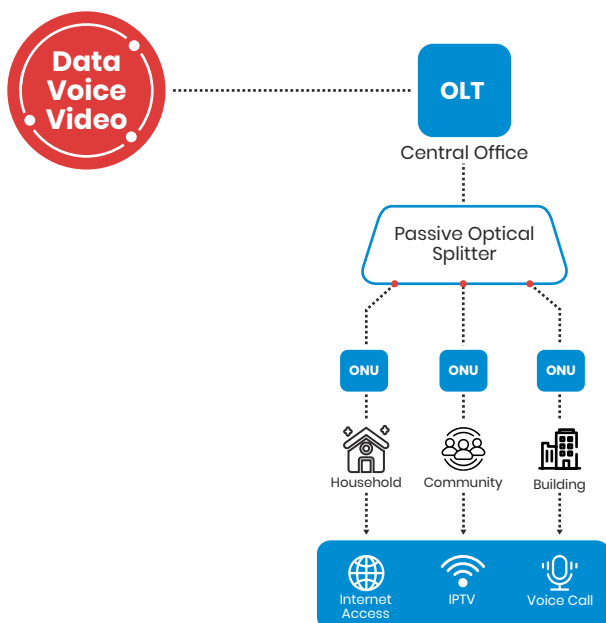
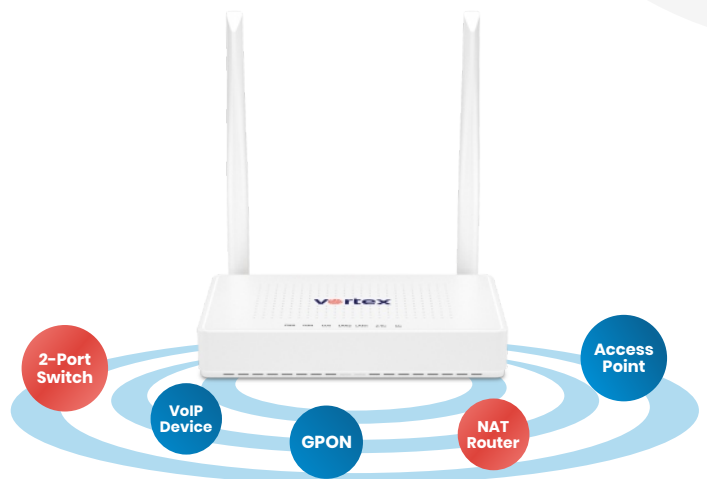


## Extreme wireless speed of up to 1200Mbps

The VTX521-GV supports 900 Mbps on the 5GHz band and 300 Mbps on the 2.4GHz band, is ideal for multi-user household. With VTX521-GV, all of your family members can play video games, listen to music, check email, shop, stream movies, and more—all simultaneously and without lag or buffering.

## All-in-one Device

VTX521-GV is an one-stop solution that make everything of your home connected. VTX521-GV comes with 11ac Wi-Fi standard, offering total data transfer speeds achieving up to 1200Mbps, with 900Mbps over the clearer 5GHz channel, and 300Mbps over the 2.4GHz Channel.

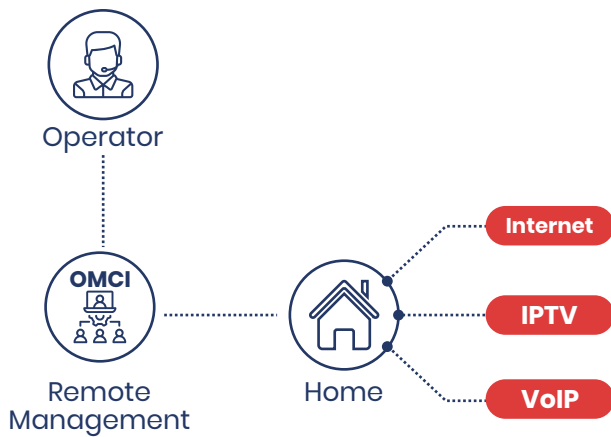


## Access to Fiber Optical Network

Support downstream 2.5Gbps and upstream to 1.25Gbps with transmission distance up to 20km. Higher bandwidth support makes it possible to integrate and provide more additional services with the same device.

## Supports VoIP Calls

With a FXS ports, users can make or receive phone calls over the Internet simply by connecting the device to their existing telephone set.

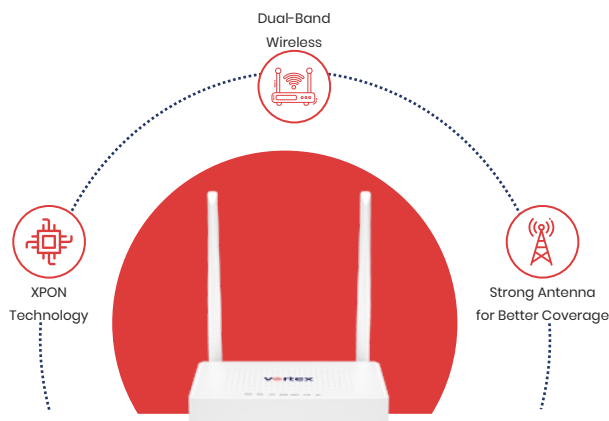
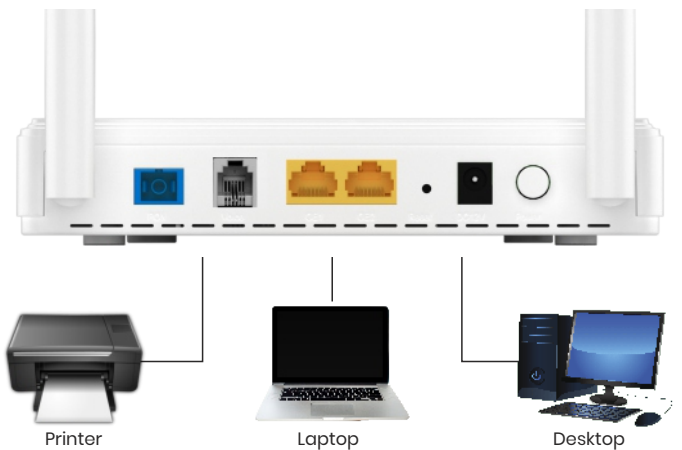


## Easy Remote Management

VTX521-GV support the ONT Management and Control Interface (OMCI), making it easy to configure, activate and manage remotely from an Optical Line Terminal (OLT).

## Full Gigabit Wired

With two gigabit LAN ports, speeds can be up to 10x faster than standard Ethernet connections. The VTX521-GV can provide robust and extremely fast connections to all of your favorite wired devices, including game consoles, smart TVs, DVRs, and more.



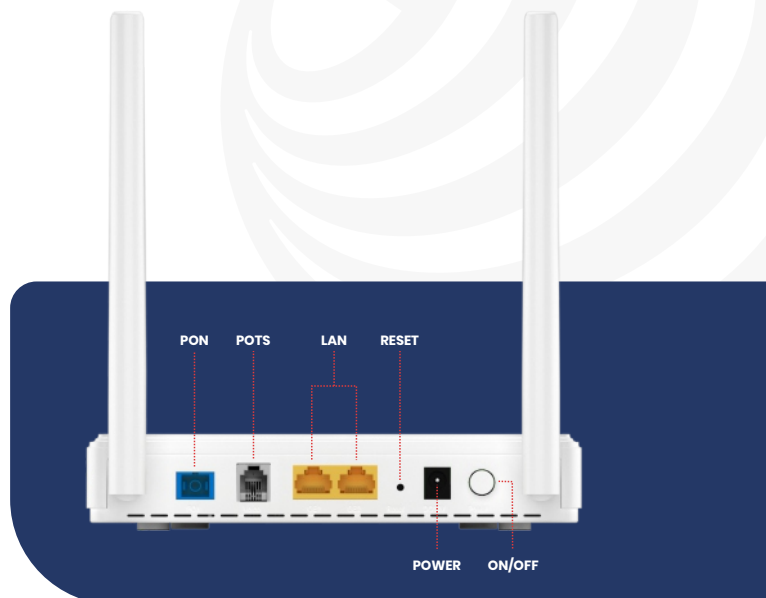
## Manage Your Network with Advanced Features

The VTX521-GV supports various advanced settings including QoS, IPv6, parental controls, guest network, and many other features. Use these advanced features to build a network that is only customized for you.

# Unleash the high-speed connectivity

## Hardware Features

<b>Interfaces:</b>	1 x SC/UPC XPON Port, 2 x 10/100/1000Mbps LAN Port, 1 x FXS Port
<b>Buttons:</b>	Power ON/OFF Button, Reset Button
<b>Power Supply:</b>	DC 12V 1A
<b>Antenna:</b>	2 x 5dBi Fixed External Dualband Antennas
<b>Dimensions: (W X D X H):</b>	210 x 150 x 32mm



## General Specifications

<b>GPON Standards:</b>	ITU-T G.984	<b>WAN Type:</b>	Dynamic IP/Static IP/PPPoE
<b>Distance:</b>	20Km Max	<b>DHCP:</b>	Server, Client, DHCP Client List, Address Reservation
<b>Data Rates:</b>	Upstream:1.25Gbps, Downstream:2.5Gbps	<b>Quality of Service:</b>	WMM, Bandwidth Control
<b>Wireless Standards:</b>	IEEE802.11a/n/ac,5GHz, IEEE802.11b/g/n,2.4GHz	<b>Port Forwarding:</b>	Virtual Server, Port Triggering, UPnP, DMZ
<b>Signal Rate:</b>	5GHz: Up to 900Mbps, 2.4GHz: Up to 300Mbps	<b>VPN:</b>	802.1Q tag VLAN, VLAN transparent mode/VLAN translation mode/VLAN trunk mode
<b>Operation Frequency:</b>	2.4GHz & 5GHz	<b>Access Control:</b>	Parental Control, Local Management Control, Host List, Access Schedule, Rule Management
<b>Reception Sensitivity:</b>	5GHz 11a 6Mbps: -96dBm, 11a 54Mbps: -79dBm  11ac HT20: -71dBm, 11ac HT40: -66dBm, 11ac HT80: -63dBm,  11n HT20: -72dBm, 11n HT40: -71dBm  2.4GHz 11g 54M: -77dBm  11n HT20: -74dBm, 11n HT40: -72dBm	<b>Firewall Security:</b>	DoS, SPI Firewall  IP Address Filter/MAC Address Filter/Domain Filter  IP and MAC Address Binding
<b>Wireless Security:</b>	WEP, WPA / WPA2, WPA-PSK/ WPA2-PSK encryption	<b>Management:</b>	Access Control, Local Management, Remote Management
<b>VOIP Standards:</b>	SIP (RFC3261), ITU-T G.729/ G.722/G.711a/G.711	<b>Internet Protocol:</b>	IPv4, IPv6

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