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# VisionNet Wi-Fi 6 Router VR777

## Product Specification

**Ver. 0.3**

**January, 2019**

### ■ Summary

VisionNet Solutions' VR777 Wi-Fi 6 Router is best suited for residential and small office applications. It provides customers 4 Gigabit Ethernet ports along with dual band 2x2 802.11ax and 2x2 802.11n Wi-Fi. This product supports Easy Mesh for better in-home/in-office Wi-Fi network.

### ■ Highlights

- ❖ 4x 10/100/1000BASE-T EthernetRJ45 Ports (auto-WAN détection)
- ❖ 5G 2x2 802.11ax at 25dBm



- ❖ 2.4G 2x2 802.11n at 27dBm
- ❖ Easy Mesh Support
- ❖ Wall-adaptor Powering
- ❖ 0 to 40°C operating temperature



## ■ Specifications

### General

DQ Model	VR777
CPE Type	Wi-Fi 6 Router
Main SoC	BCM6750
Ethernet Ports	4x GE (Auto-detecting WAN/LAN)
Operating Temperature	0 to 40°C
Operating Humidity	10% to 90%, non-condensing
Dimensions	φ 96 x 160.5mm
Installation	Desktop
Weight	360g
Regulatory	CCC, CE and FCC (Planned)

### Ethernet LAN

Ethernet Interface	4x RJ45 connectors
Standard Compliance	IEEE 802.3, 802.3u, 802.3ab
Link	Half-duplex and full-duplex operations 10/100/1000Mbps auto-negotiation and manual configuration MDI/MDIX auto detection

### Wi-Fi 5G

MIMO	2x2 Supporting MU-MIMO
Standards	802.11ax, 802.11ac, 802.11n
EIRP	25dBm
Antenna	2 Internal Antennas with 5dBi Gain
Speed	1.2Gbps

### Wi-Fi 2.4G



MIMO	2x2
Standards	802.11n
EIRP	27dBm
Antenna	2 Internal Antennas with 5dBi Gain
Speed	300Mbps

## Power

Power Options	Wall Adapter
Wall Adapter	Standard barrel connector 100-240VAC in, 50/60Hz 12VDC out, 1A max

## Buttons and LEDs

Buttons	Power, WPS, Reset (on the bottom)
LED	One tri-color breathing light (Normal, Alarm, Paring)

## Mesh

Standard	Wi-Fi Alliance Easy Mesh
Backhaul Methods	<ul style="list-style-type: none"> <li>• Backhaul via 5G 802.11ax</li> <li>• Backhaul via RJ-45 Ethernet</li> </ul>
Paring Method	By Pushing WPS Button

## Management

Web	Intuitive Web Management Interface
TR-069/181 (Planned)	Compatible with Major Telco Providers TR-069/181 Models
Mobile APP (Planned)	iOS and Android



## ■ Product Photos

### ❖ Front View



### ❖ Back View

