

AC1200 DualBand WiFi 802.11ac wave2 MU-MIMO

Gigabit VDSL2 Router



Model No. VR8221

Product Highlights

AC1200 High-Speed Wireless

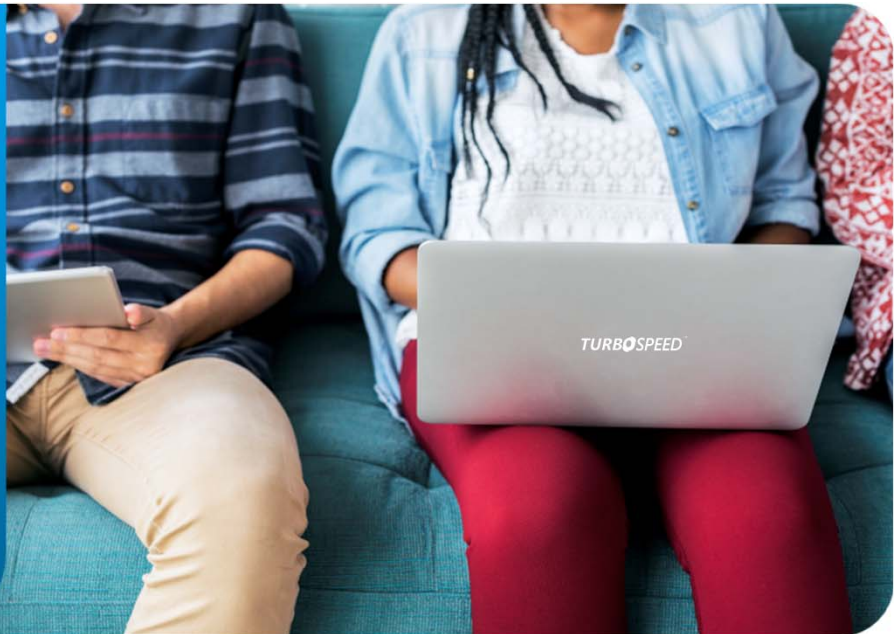
Support the latest 802.11ac wave2 MU-MIMO technology enable the best wireless experience. 2T2R MIMO Technology delivers excellent throughput and performance. Ideal for video streaming, online gaming or internet surfing. With external antennas for extended range and coverage of your Wi-Fi.

Central Management by TR069

Support standard or customized TR069/CWMP for efficiently auto-provisioning and centralized management.

Simple and Easy Setup

Easy-to-use web based interface allowing firmware upgrades directly through HTTP. Support 1-Push WPS button connect to WiFi easily.



VR8221 AC1200 wave2 VDSL2 Router not only a beautifully designed router but also includes features adequate for power users.

Featuring the latest 802.11ac MU-MIMO technology, enhance connection speed to each WiFi client when multiple users are using WiFi simultaneously and get the best WiFi speed experience than before. The device is able to deliver fast wireless speed of up to 866Mbps + 300Mbps, which is ideal for streaming high bandwidth videos, online gaming and internet surfing.

Besides the regular router function, the device can be set to an Access Point extending your existing wireless signals to blind spot areas where the wireless connection is weak or inconsistent.

Connecting with VR8221 is pretty standard; you can either go through a web browser or a simple press of the "WPS" button to form a connection with your other network devices.

To top it off, the device comes with high-security encryption and advanced firewall security settings to secure your network from internet threats.



Specification*

DSL

- VDSL2 profile 35b Ready (VPR8221)
- G.992.3: 8a/b/c/d, 12a/b, 17a, 30a
- PhyR
- Virtual Noise
- ANSI T1.413 Issue 2
- G.992.1 (G.dmt)
- G.992.2 (G.lite)
- G.992.3 (ADSL2/G.bis)
- G.992.5 (ADSL2+)
- 993.2(VDSL2)
- 998.4(G.inp)
- 993.5(vectoring)

Network Protocol

- Bridged, PPPoE, IPoE
- Static route
- RIP v1/v2
- MTU size adjustment
- Port mapping
- QoS (Quality of Service) classification
- DNS proxy/relay,
- DDNS
- NTP client
- UPnP
- IGMP snooping & proxy
- MLD snooping & proxy

Network Security

- Build-in robust firewall
- NAT/NAPT
- Stateful Packet Inspection (SPI)
- IP/service ports/MAC packet filtering
- URL/Domain filtering
- DHCP server, client & relay
- Port Forwarding
- Virtual server
- DMZ
- DoS Protection
- ALG, ACL
- PPTP/L2TP/IPSec VPN pass-through

Management

- LAN/WLAN clients info
- Interfaces statistics
- ARP table
- CWMP/TR-069 Remote Management
- Web-based GUI configuration
- Firmware upgrades through HTTP
- Syslog
- Configuration File Backup and Restore
- SNMP v1/v2

Advanced Dual Band Wireless

- 802.11ac wave2 (Multi-User) MU-MIMO ready
- 5G 802.11a/n/ac support up to 866Mbps
- 2.4G 802.11b/g/n support up to 300Mbps
- 2T2R MIMO technology
- WPS for easy setup
- AP Neighbors scan
- Wireless access control
- WiFi security: WEP, WPA, WPA2 & WPA2 Mixed
- Multiple-SSID
- Virtual AP/SSID isolation
- WMM (WiFi Multimedia)

IPv6 ready

- IPv6 static routing
- IPv6 dual-stack
- RADVD
- DHCP v6
- IPv6 IP filtering
- IPv6 MLD snooping & proxy

Physical Interface

- 1x Gigabit-Ethernet WAN port (RJ45)
- 4x Gigabit-Ethernet LAN Ports (RJ45)
- 1x Reset button
- 1x WPS button
- 1x WiFi on/off
- 1x Power jack
- 1x Power on/off switch

Power

- 12V DC/1A

Operating Environment

- Operating temperature: 0 – 40°C
- Storage temperature: -20 – 70°C
- Humidity: 20 – 95% non-condensing

VR8221 Gigabit VDSL2 Router

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AC1200 DualBand WiFi

Maximum wireless signal rate derived from IEEE standard 802.11 specifications. Actual data throughput and wireless coverage will vary. Network conditions and environmental factors, including volume of network traffic, interference, and building construction may lower actual data throughput and wireless coverage.

* Specifications & picture in this datasheet are subject to change without prior notice.

** Future release by request