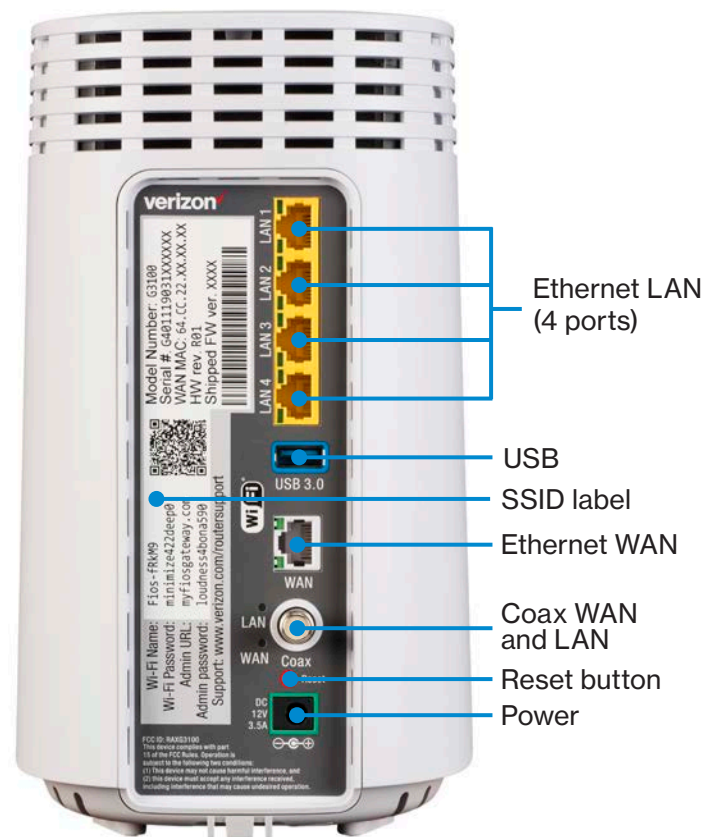# Fios Router

4x4 11ax Tri-band router

Model G3100

The Fios Router is an 11ax Tri-band concurrent Wi-Fi router that supports the latest Wi-Fi technology. It offers seamless roaming, band steering, AP steering, and Self-Organizing Networks (SON) technology. It's also equipped with a third radio to use for Wi-Fi backhaul to the Fios Extender. 11ax Tri-band brings OFDMA and the highest throughput to users.

Industrial design

Ethernet LAN (4 ports)

USB

SSID label

Ethernet WAN

Coax WAN and LAN

Reset button

Power

verizon✓

Technical specification

Hardware configuration

- Four Gigabit LAN ports
- One Gigabit WAN port
- Coax port supporting
  - MoCA 2.5 LAN
  - MoCA 1.1 WAN
- Wi-Fi
  - 2.4 GHz 11ax 4x4
  - Two 5 GHz 11ax 4x4
  - Internal antenna
- One USB 3.0 port
- IoT
  - Bluetooth
- Button
  - Reset (Back)
  - WPS (Front)
- LED indicators
  - One Status LED (Front)
  - One MoCA LAN LED (Back)
  - One MoCA WAN LED (Back)
  - Ethernet WAN/LAN (Back)
- Memory
  - 1GB NAND
  - 512MB RAM
- PSU: 12V/3.5A
- ID Dimension: 135*151*235.5mm (W*D*H)
- Environment:
  - Ambient Temperature: 5°C ~ 40°C,
  - Relative Humidity: 5% ~ 85% (non-condensed)

Advanced features

- TR-143 SpeedTest
- McAfee Home Network Protection

Wi-Fi features

- One 2.4 GHz 11ax with 4x4 spatial stream
- Two 5 GHz 11ax with 4x4 spatial stream
- Wi-Fi 6 Certified (802.11 ax)
- Backward compatible to 802.11a/b/g/n/ac
- Fully CPU off off-load for 11ax chipset
- 20MHz, 40MHz, 80MHz and 160Mhz channel operation
- Dynamic Frequency Selection (DFS)
- Wi-Fi access control (MAC)
- Wi-Fi Protected Setup (WPS)
- WMM support
- Wi-Fi Security (WPA2/WPA3)
- Guest Wi-Fi (2.4 GHz)

Network features

- Topology Discovery
- IPv4 / IPv6 Dual Stack
- IP sharing for LAN with up to 253 users
- TOS, Diffserv QoS guarantee voice and video quality
- IGMP snooping and proxy for IP TV application
- 802.1P/Q
- Multiple queues processing for different packet types
- DNS proxy
- DDNS
- NAT and NAPT
- Virtual Server and DMZ
- Firewall function with Access Control List (ACL)
- Dynamic and Static IP

Management features

- Remote management via TR-069
- Data model support via TR-181
- HTTP embedded web server
- Web UI management via local or remote site
- Username/Password protection
- UPnP
- Diagnostics

CG3100DS1020