

## WF-710G

OpenSync™ Wi-Fi 7 Desktop Access Point



### Overview

The CIG WF-710G is a tri-band Wi-Fi 7 desktop access point built to help service providers deliver faster, more reliable connected experiences across homes and small businesses. Designed on the IEEE 802.11be standard, the WF-710G delivers up to 10 Gbps aggregate wireless throughput across the 2.4 GHz, 5 GHz, and 6 GHz bands. Advanced MIMO and MLO capabilities help increase capacity, reduce congestion, and improve performance across today's growing number of connected devices.

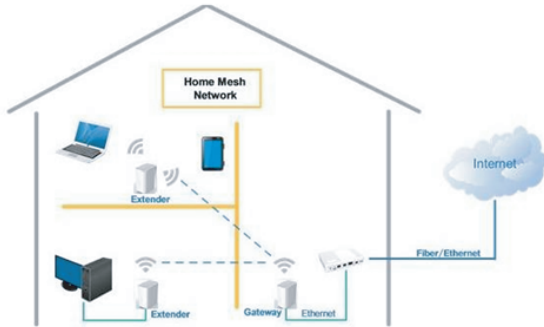
With support for advanced Wi-Fi 7 capabilities, the WF-710G helps reduce congestion, improve device performance, and support the growing demands of the modern connected home. Its tri-band design gives operators a scalable, cost-effective option for delivering next-generation service experiences without adding unnecessary deployment complexity.

The WF-710G also goes beyond the device. Powered by OpenSync™, it integrates with Plume HomePass and WorkPass to support a cloud-managed, self-configuring, and self-optimizing mesh network. Operators gain streamlined device onboarding, remote visibility, configuration tools, and ongoing network management, while multiple WF-710G units can be deployed together to extend reliable coverage across the entire home or office.

### Key Features

- **Desktop form factor** — compact, low-profile, easy to place anywhere
- **Up to ~10 Gbps** aggregate throughput across three Wi-Fi bands
- **WPA2/WPA3 PSK** security for robust wireless protection
- **BLE 5.1** for seamless device onboarding
- **1 × 10 GbE WAN/LAN** port + **1 × 2.5 GbE LAN** port
- **OpenSync™** certified — interoperates with Plume Wi-Fi 7 ecosystem
- **Plume HomePass/Uprise/WorkPass**: self-managing mesh networking
- **Cloud-based management** via Plume mobile app
- **Multi-color LED** status indicator
- **2.4 GHz**: 802.11b/g/n/ac/ax/be, **2×2**, 20/40 MHz
- **5 GHz**: 802.11a/n/ac/ax/be, **4×4**, 20/40/80/160 MHz
- **6 GHz**: 802.11ax/be, **4×4**, 20/40/80/160/320 MHz

## Configuration Scenario



Three WF-710G units can form a Wi-Fi mesh network, with one as the Gateway and others as Extenders.

## Features

### Network

- **Bridge Mode:** DHCP Client; Backhaul via 2.4G/5G/6G Wi-Fi or Ethernet
- **Router Mode:** IPv4/IPv6, NAT, WAN/LAN DHCP, DNS Server, DHCP Reservation, UPnP, Port Forwarding, Ethernet Backhaul
- **Multicast:** IGMP Snooping/Proxy

### Wi-Fi

- **Bands:** 2.4G: 20/40 MHz 5G: 20/40/80/160 MHz 6G: 20/40/80/160/320 MHz
- **Standards:** 802.11 k/v/r (fast roaming), Band Steering, Channel Scan, DFS
- **Security:** WPA2/WPA3 PSK
- **QoS:** SSID Broadcast, uAPSD

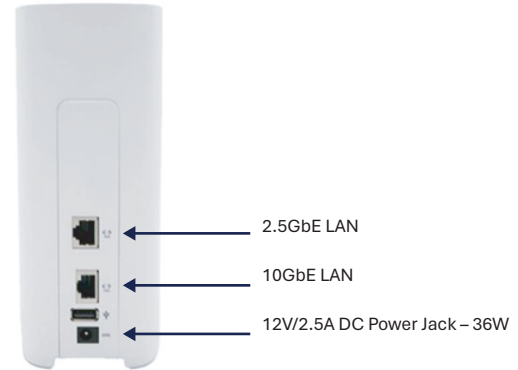
### Mobile App

- **Management:** Device Discovery, Add/Remove Devices, Configure SSID & Password
- **Maintenance:** Auto Firmware Upgrade, Antivirus

### LED Status

- **Solid Green:** Power On
- **Blue Blink:** Connecting to Cloud
- **LED Off:** Connected to Cloud (normal operation)
- **Blue Double Blink:** Network Optimization or Device Locating

## Back Panel



## Hardware Specifications

### Dimensions

- 190 × 138 × 80 mm

### Weight

- 650 g | Desktop form factor

### Ethernet

- 1 × 10GbE WAN/LAN + 1 × 2.5GbE LAN

### Power

- 12V/2.5A DC | Avg 36W

### Memory

- 256MB NAND Flash | 1GB DDR4 RAM

### Bluetooth

- BLE 5.1

### Operating Temperature

- -5°C to +40°C

### Humidity

- 5% – 95% (non-condensing)

### IP Rating

- IP30 (Dustproof)

### MTBF

- >300,000 hours (Telcordia SR-332)

### AFR

- <1.5% in continuous operation

### Regulatory

- FCC, ETL, CE

### Environmental

- RoHS 2011/65/EU (No Pb)

## Model Information

MODEL #	DESCRIPTION	SOFTWARE
WF-710G	10G WAN, 2.5G LAN Ethernet. WiFi Tri-Band: 2.4G-2x2, 5G-4x4, 6G-4x4	OpenSync™

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