

WF-710G2

OpenSync™ Wi-Fi 7 Desktop Access Point



Overview

The CIG DeskPod Ultra WF-710G2 is a tri-band Wi-Fi 7 desktop access point designed to help service providers deliver high-performance multi-gig experiences without overcomplicating deployment. Built on advanced 802.11be technology, the WF-710G2 supports approximately 10 Gbps aggregate wireless throughput across the 2.4 GHz, 5 GHz, and 6 GHz bands, with MLO enabling connected devices to make more efficient use of available spectrum for faster, more reliable in-home performance.

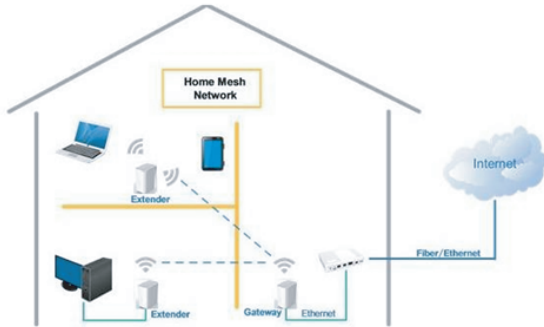
With dual 10 GbE WAN/LAN ports, the WF-710G2 helps eliminate wired bottlenecks and provides a strong foundation for today's bandwidth-intensive homes and small businesses. Its tri-band architecture supports growing device density, demanding applications, and next-generation service tiers, making it a practical, cost-effective choice for scalable deployments.

More than a device, the WF-710G2 is built to support a platform-driven Wi-Fi strategy. Integrated with OpenSync™ and the Plume Cloud, it enables zero-touch provisioning, real-time network visibility, subscriber insights, and AI-driven optimization through Plume HomePass and WorkPass. 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 × 10 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-710G2 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, DHCP, DNS, Reservation, UPnP, Port Forwarding
- **Multicast:** IGMP Snooping/Proxy (IPTV / VoD optimization)

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, Band Steering, Channel Scan, DFS
- **Security:** WPA2/WPA3 PSK
- **QoS:** SSID Broadcast, uAPSD

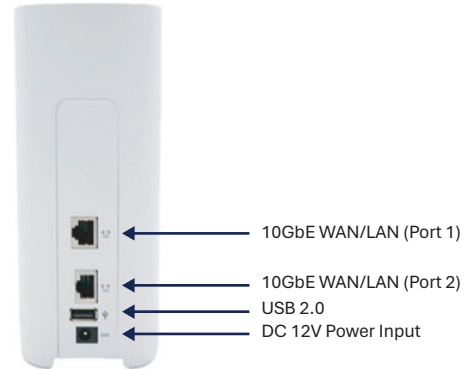
Cloud

- **Plume Cloud:** Zero-touch provisioning, AI optimization, real-time analytics

LED Status

- **Solid Green:** Power On
- **Blue Blink:** Connecting to Plume Cloud
- **LED Off:** Connected to Plume Cloud (normal operation)

Back Panel



Hardware Specifications

Dimensions

- 190 × 138 × 80 mm

Weight

- 650 g | Desktop form factor

Ethernet

- 2 × 10 GbE RJ45 auto-sensing WAN/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-710G2	10G WAN, 10G LAN Ethernet. WiFi Tri-Band: 2.4G-2x2, 5G-4x4, 6G-4x4	OpenSync™

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